

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF072122\  
 Data File : BF129297.D  
 Acq On : 21 Jul 2022 15:25  
 Operator : CG\JU  
 Sample : N3214-02  
 Misc : LOQ-SOIL 5ppm  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOQ-SOIL-02-QT2-2022

Quant Time: Jul 21 15:43:25 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF072022.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 20 13:42:18 2022  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By : Christian Giraldo 07/22/2022  
 Supervised By : Jagrut Upadhyay 07/22/2022

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.892  | 152  | 176752   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.175  | 136  | 675583   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.933  | 164  | 360768   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.422 | 188  | 616460   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.068 | 240  | 475722   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12              | 15.562 | 264  | 370962   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.510  | 112  | 996844   | 91.987  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.522  | 99   | 1270487  | 91.969  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.457  | 82   | 862314   | 68.670  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.727 | 330  | 356656   | 102.468 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.251  | 172  | 1524322  | 64.999  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.016 | 244  | 1612410  | 63.125  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.693  | 88   | 19627    | 4.085   | ng    | 89       |
| 3) Pyridine                   | 3.575  | 79   | 47444m   | 3.576   | ng    |          |
| 4) n-Nitrosodimethylamine     | 3.428  | 42   | 26626    | 4.470   | ng    | 94       |
| 6) Aniline                    | 6.557  | 93   | 81880    | 4.817   | ng    | 98       |
| 8) 2-Chlorophenol             | 6.681  | 128  | 54455    | 4.584   | ng    | 91       |
| 9) Benzaldehyde               | 6.445  | 77   | 44964    | 4.745   | ng    | 93       |
| 10) Phenol                    | 6.534  | 94   | 64136    | 4.418   | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 6.628  | 93   | 52301    | 4.551   | ng    | 93       |
| 12) 1,3-Dichlorobenzene       | 6.834  | 146  | 58612    | 4.578   | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.910  | 146  | 59883    | 4.622   | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 7.063  | 146  | 56615    | 4.729   | ng    | 98       |
| 15) Benzyl Alcohol            | 7.028  | 79   | 58820    | 5.869   | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.163  | 45   | 76206    | 4.350   | ng    | 92       |
| 17) 2-Methylphenol            | 7.134  | 107  | 43960    | 4.540   | ng    | 98       |
| 18) Hexachloroethane          | 7.404  | 117  | 22551    | 4.639   | ng    | 89       |
| 19) n-Nitroso-di-n-propyla... | 7.292  | 70   | 38105    | 4.629   | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.287  | 107  | 57135    | 4.525   | ng    | # 90     |
| 22) Acetophenone              | 7.298  | 105  | 78962    | 4.978   | ng    | 98       |
| 24) Nitrobenzene              | 7.475  | 77   | 62041    | 4.797   | ng    | 94       |
| 25) Isophorone                | 7.704  | 82   | 104871   | 4.757   | ng    | 97       |
| 26) 2-Nitrophenol             | 7.787  | 139  | 27981    | 4.484   | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 7.822  | 122  | 49062m   | 5.226   | ng    |          |
| 28) bis(2-Chloroethoxy)met... | 7.916  | 93   | 64784    | 5.072   | ng    | 95       |
| 29) 2,4-Dichlorophenol        | 8.028  | 162  | 43054    | 4.409   | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.116  | 180  | 47862    | 4.716   | ng    | 97       |
| 31) Naphthalene               | 8.198  | 128  | 161231   | 4.653   | ng    | 99       |
| 32) Benzoic acid              | 7.886  | 122  | 38679    | 5.637   | ng    | 98       |
| 33) 4-Chloroaniline           | 8.245  | 127  | 67166    | 4.753   | ng    | 96       |
| 34) Hexachlorobutadiene       | 8.310  | 225  | 27211    | 4.691   | ng    | 98       |
| 35) Caprolactam               | 8.581  | 113  | 13973    | 4.486   | ng    | # 75     |
| 36) 4-Chloro-3-methylphenol   | 8.716  | 107  | 48300    | 4.656   | ng    | 94       |
| 37) 2-Methylnaphthalene       | 8.886  | 142  | 106419   | 4.740   | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.986  | 142  | 102241   | 4.707   | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.051  | 216  | 46782    | 4.939   | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 9.039  | 237  | 18380    | 4.403   | ng    | 93       |
| 43) 2,4,6-Trichlorophenol     | 9.163  | 196  | 31193    | 4.507   | ng    | 100      |

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 Sample : N3214-02  
 Misc : LOQ-SOIL 5ppm  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOQ-SOIL-02-QT2-2022

Quant Time: Jul 21 15:43:25 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF072022.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 20 13:42:18 2022  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 07/22/2022  
 Supervised By : Jagrut Upadhyay 07/22/2022

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.204  | 196  | 32567    | 4.337 | ng    | 96       |
| 46) 1,1'-Biphenyl             | 9.351  | 154  | 131283   | 4.925 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.381  | 162  | 100640   | 4.713 | ng    | 96       |
| 48) 2-Nitroaniline            | 9.469  | 65   | 31498    | 4.392 | ng    | 96       |
| 49) Acenaphthylene            | 9.792  | 152  | 163133   | 4.975 | ng    | 98       |
| 50) Dimethylphthalate         | 9.645  | 163  | 112394   | 4.535 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.710  | 165  | 24984    | 4.502 | ng    | 93       |
| 52) Acenaphthene              | 9.963  | 154  | 102423   | 4.813 | ng    | 97       |
| 53) 3-Nitroaniline            | 9.880  | 138  | 27262    | 4.128 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 9.986  | 184  | 16451    | 5.858 | ng    | 94       |
| 55) Dibenzofuran              | 10.139 | 168  | 143104   | 4.839 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.033 | 139  | 19542    | 4.052 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 10.116 | 165  | 32561    | 4.475 | ng    | 89       |
| 58) Fluorene                  | 10.480 | 166  | 112774   | 4.778 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.251 | 232  | 24345    | 4.206 | ng    | 90       |
| 60) Diethylphthalate          | 10.345 | 149  | 112972   | 4.737 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 10.469 | 204  | 51371    | 4.975 | ng    | # 88     |
| 62) 4-Nitroaniline            | 10.486 | 138  | 26613    | 4.080 | ng    | 97       |
| 63) Azobenzene                | 10.633 | 77   | 111771   | 4.530 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 10.522 | 198  | 13911    | 3.669 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 10.586 | 169  | 96397    | 4.730 | ng    | 96       |
| 67) 4-Bromophenyl-phenylether | 10.963 | 248  | 30339    | 4.561 | ng    | 93       |
| 68) Hexachlorobenzene         | 11.027 | 284  | 34700    | 4.763 | ng    | 94       |
| 69) Atrazine                  | 11.110 | 200  | 30287    | 4.862 | ng    | 96       |
| 70) Pentachlorophenol         | 11.222 | 266  | 14314    | 3.574 | ng    | 96       |
| 71) Phenanthrene              | 11.445 | 178  | 165488   | 4.891 | ng    | 99       |
| 72) Anthracene                | 11.498 | 178  | 165142   | 4.926 | ng    | 98       |
| 73) Carbazole                 | 11.651 | 167  | 152625   | 4.880 | ng    | 97       |
| 74) Di-n-butylphthalate       | 11.974 | 149  | 171521   | 4.747 | ng    | 98       |
| 75) Fluoranthene              | 12.639 | 202  | 165587   | 4.802 | ng    | 97       |
| 77) Benzidine                 | 12.757 | 184  | 83926    | 4.427 | ng    | 99       |
| 78) Pyrene                    | 12.869 | 202  | 172048   | 4.229 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.480 | 149  | 63210    | 3.807 | ng    | 97       |
| 81) Benzo(a)anthracene        | 14.057 | 228  | 143327   | 4.375 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 14.021 | 252  | 47746    | 4.440 | ng    | 99       |
| 83) Chrysene                  | 14.092 | 228  | 132382   | 4.282 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.039 | 149  | 83070    | 4.074 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 14.651 | 149  | 115546   | 3.960 | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.062 | 276  | 91184    | 3.586 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.115 | 252  | 118324   | 4.792 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.145 | 252  | 109232   | 4.556 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.492 | 252  | 103050   | 5.158 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.080 | 278  | 77799    | 3.796 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.521 | 276  | 77940    | 3.659 | ng    | 97       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

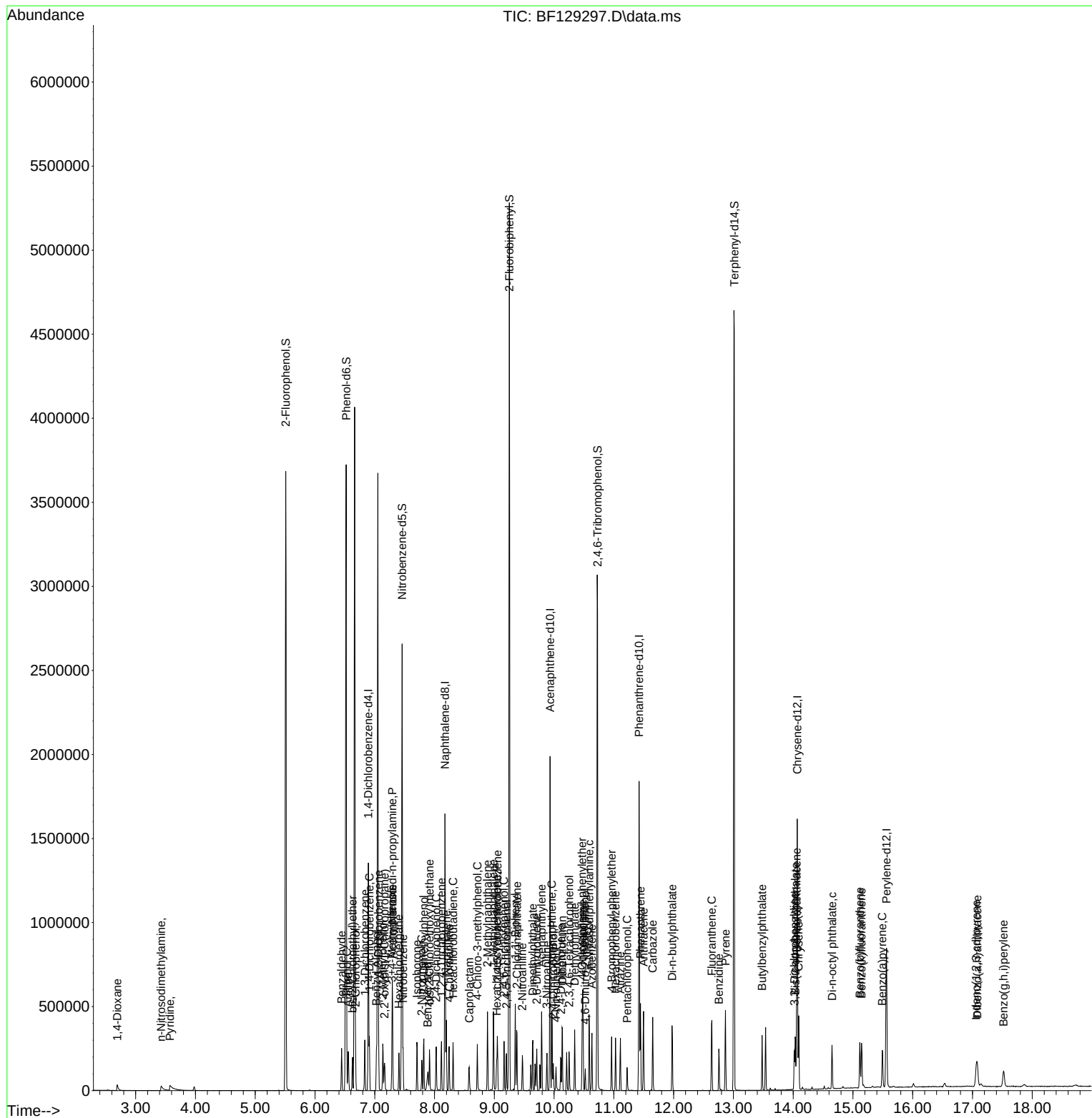
Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF072122\  
Data File : BF129297.D  
Acq On : 21 Jul 2022 15:25  
Operator : CG\JU  
Sample : N3214-02  
Misc : LOQ-SOIL 5ppm  
ALS Vial : 6 Sample Multiplier: 1

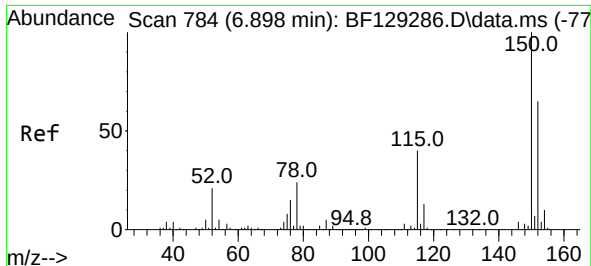
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-SOIL-02-QT2-2022

Quant Time: Jul 21 15:43:25 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF072022.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jul 20 13:42:18 2022  
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Manual Integrations  
APPROVED

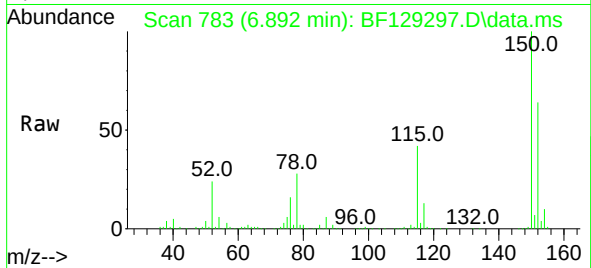
Reviewed By : Christian Giraldo 07/22/2022  
Supervised By : Jagrut Upadhyay 07/22/2022





#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.892 min Scan# 71  
 Delta R.T. -0.006 min  
 Lab File: BF129297.D  
 Acq: 21 Jul 2022 15:25

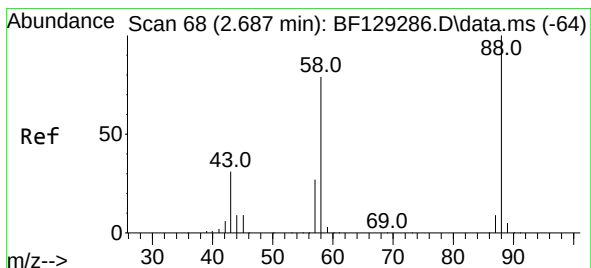
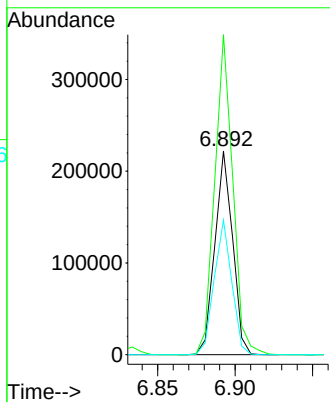
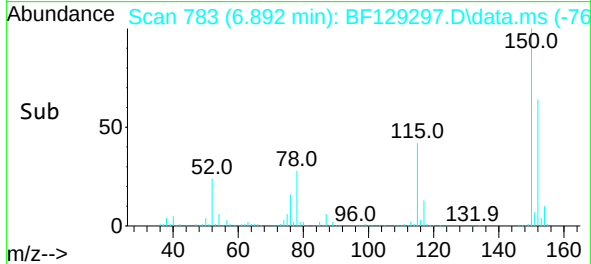
Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOQ-SOIL-02-QT2-2022



Tgt Ion:152 Resp: 176752  
 Ion Ratio Lower Upper  
 152 100  
 150 157.1 123.7 185.5  
 115 66.0 49.9 74.9

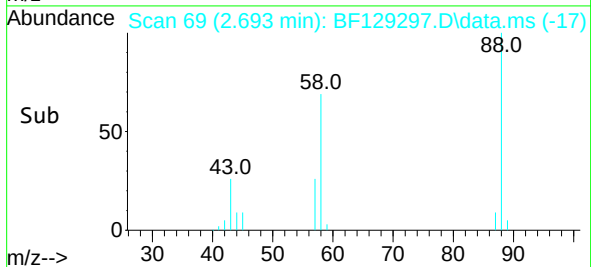
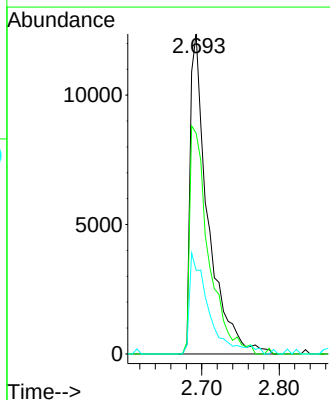
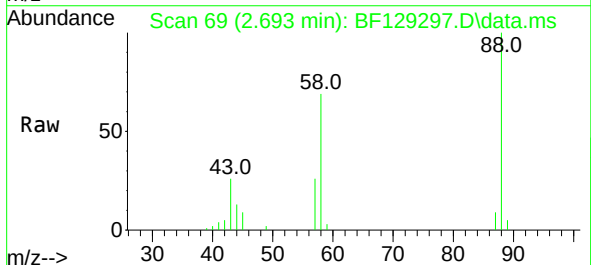
Manual Integrations  
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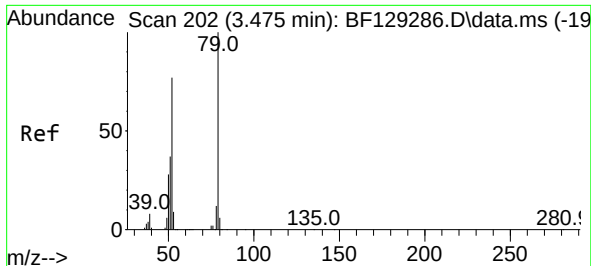
Reviewed By :Christian Giraldo 07/22/2022  
 Supervised By :Jagrut Upadhyay 07/22/2022



#2  
 1,4-Dioxane  
 Concen: 4.085 ng  
 RT: 2.693 min Scan# 69  
 Delta R.T. 0.006 min  
 Lab File: BF129297.D  
 Acq: 21 Jul 2022 15:25

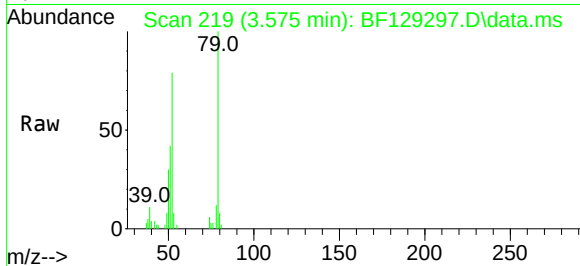
Tgt Ion: 88 Resp: 19627  
 Ion Ratio Lower Upper  
 88 100  
 58 76.1 71.8 107.8  
 43 34.1 26.6 39.8





#3  
Pyridine  
Concen: 3.576 ng m  
RT: 3.575 min Scan# 21  
Delta R.T. 0.100 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25

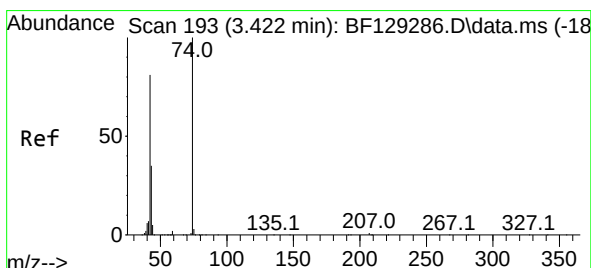
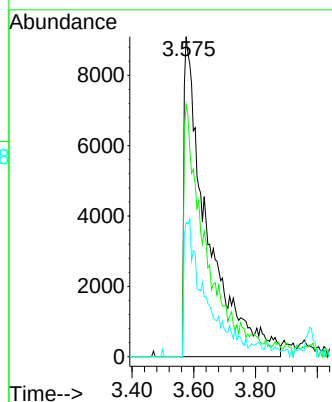
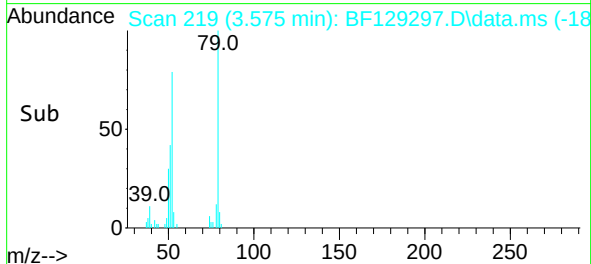
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-SOIL-02-QT2-2022



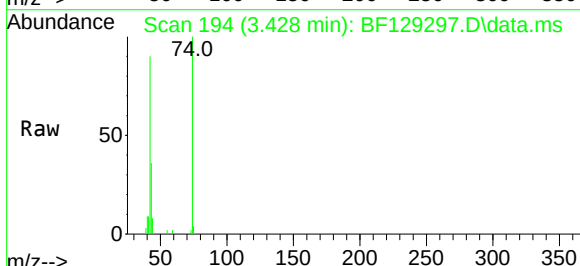
Tgt Ion: 79 Resp: 4744  
Ion Ratio Lower Upper  
79 100  
52 78.8 68.6 102.8  
51 41.9 32.9 49.3

Manual Integrations  
APPROVED

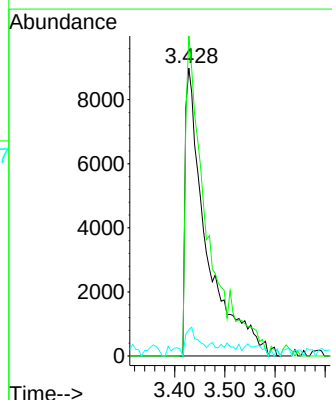
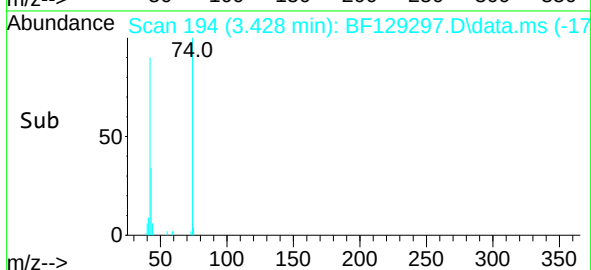
Reviewed By :Christian Giraldo 07/22/2022  
Supervised By :Jagrut Upadhyay 07/22/2022

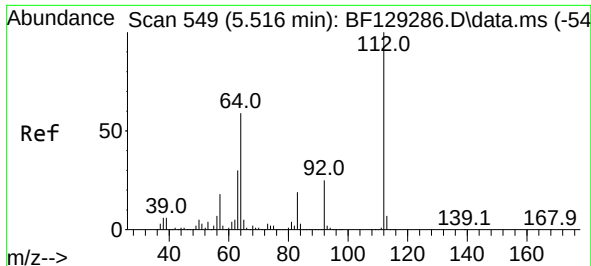


#4  
n-Nitrosodimethylamine  
Concen: 4.470 ng  
RT: 3.428 min Scan# 194  
Delta R.T. 0.006 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25



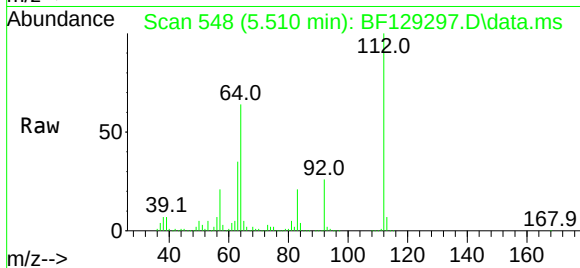
Tgt Ion: 42 Resp: 26626  
Ion Ratio Lower Upper  
42 100  
74 111.2 94.8 142.2  
44 9.2 6.6 10.0





#5  
2-Fluorophenol  
Concen: 91.987 ng  
RT: 5.510 min Scan# 549  
Delta R.T. -0.006 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25

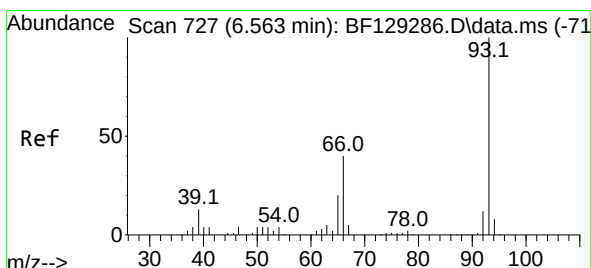
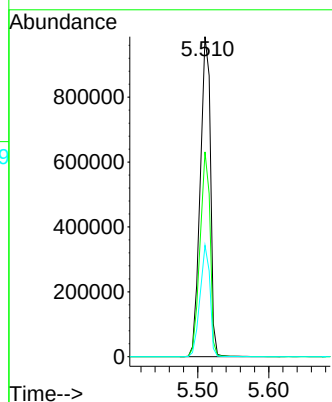
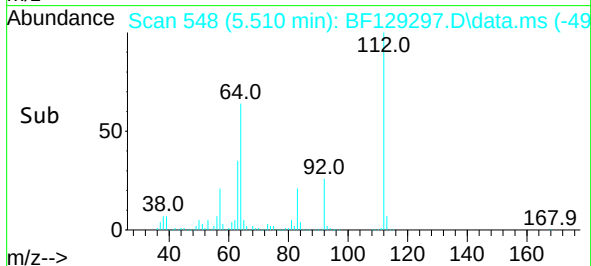
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-SOIL-02-QT2-2022



Tgt Ion: 112 Resp: 996844  
Ion Ratio Lower Upper  
112 100  
64 64.0 53.3 79.9  
63 34.8 28.0 42.0

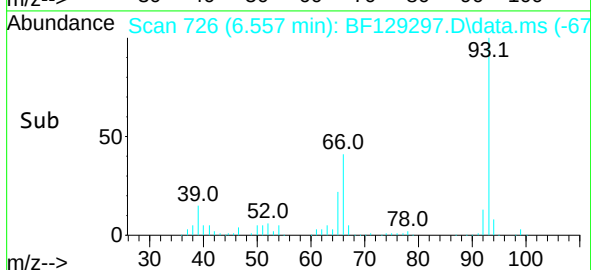
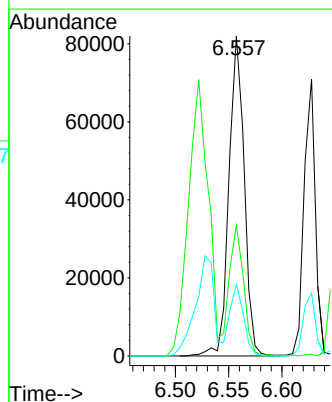
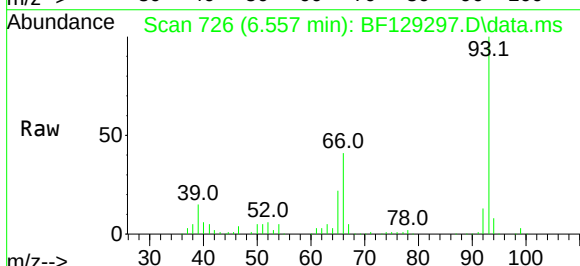
Manual Integrations  
APPROVED

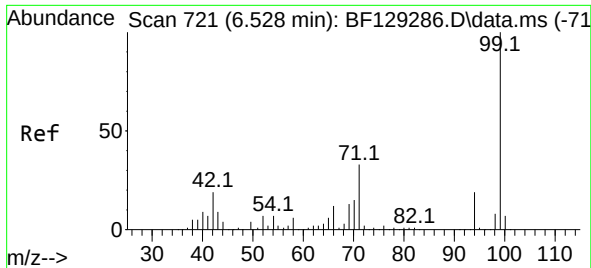
Reviewed By :Christian Giraldo 07/22/2022  
Supervised By :Jagrut Upadhyay 07/22/2022



#6  
Aniline  
Concen: 4.817 ng  
RT: 6.557 min Scan# 726  
Delta R.T. -0.006 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25

Tgt Ion: 93 Resp: 81880  
Ion Ratio Lower Upper  
93 100  
66 40.9 32.5 48.7  
65 22.4 16.4 24.6





#7

Phenol-d6

Concen: 91.969 ng

RT: 6.522 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF129297.D

Acq: 21 Jul 2022 15:25

Instrument :

BNA\_F

ClientSampleId :

LOQ-SOIL-02-QT2-2022

Tgt Ion: 99 Resp: 127048

Ion Ratio Lower Upper

99 100

42 20.4 17.3 25.9

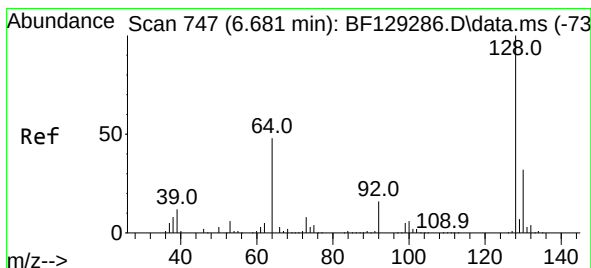
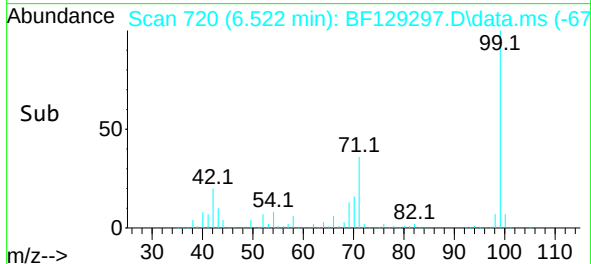
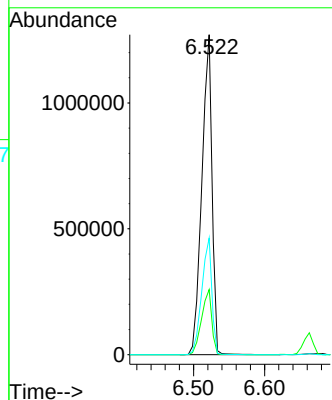
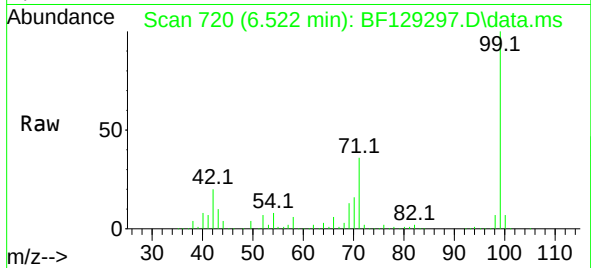
71 36.5 28.9 43.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/22/2022

Supervised By :Jagrut Upadhyay 07/22/2022



#8

2-Chlorophenol

Concen: 4.584 ng

RT: 6.681 min Scan# 747

Delta R.T. 0.000 min

Lab File: BF129297.D

Acq: 21 Jul 2022 15:25

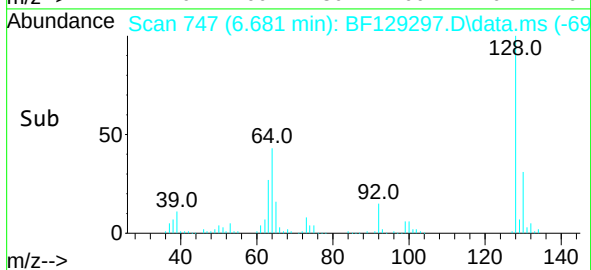
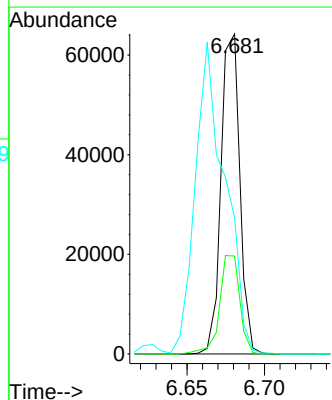
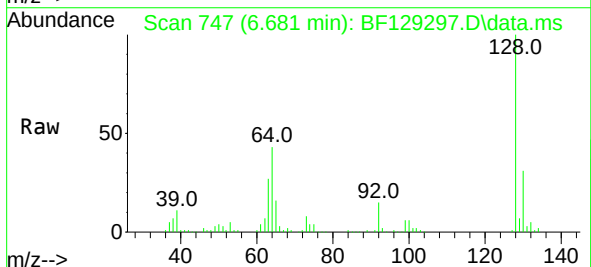
Tgt Ion:128 Resp: 54455

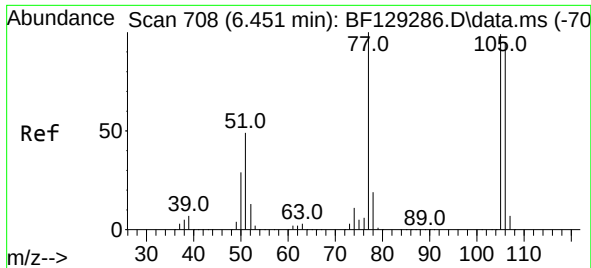
Ion Ratio Lower Upper

128 100

130 30.6 13.1 53.1

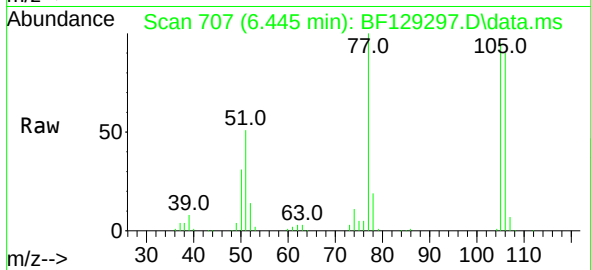
64 42.6 30.9 70.9





#9  
Benzaldehyde  
Concen: 4.745 ng  
RT: 6.445 min Scan# 708  
Delta R.T. -0.006 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25

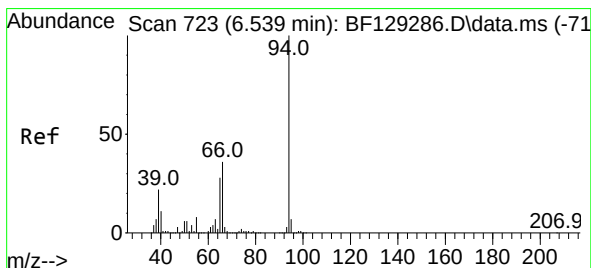
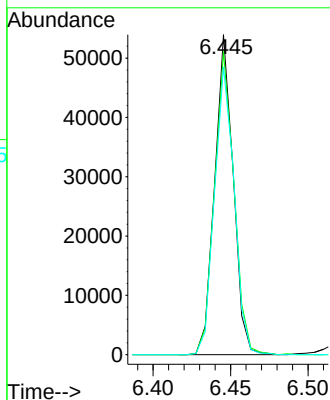
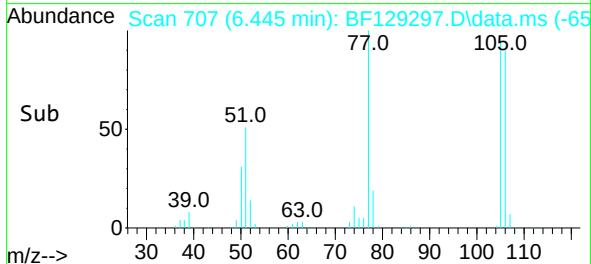
Instrument : BNA\_F  
ClientSampleId : LOQ-SOIL-02-QT2-2022



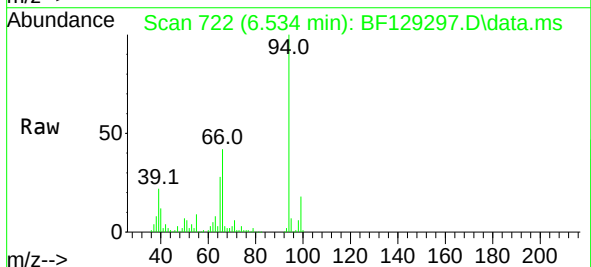
Tgt Ion: 77 Resp: 44964  
Ion Ratio Lower Upper  
77 100  
105 94.7 81.6 121.6  
106 89.9 76.1 116.1

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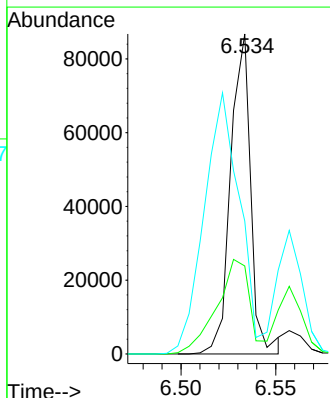
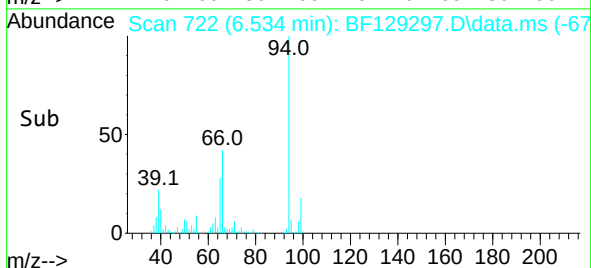
Reviewed By :Christian Giraldo 07/22/2022  
Supervised By :Jagrut Upadhyay 07/22/2022



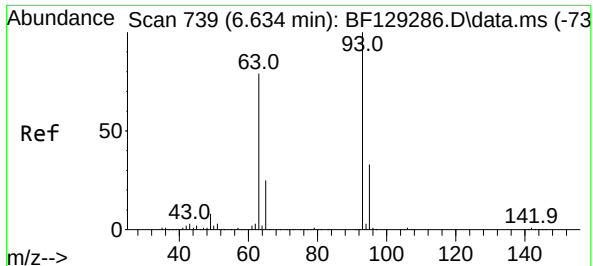
#10  
Phenol  
Concen: 4.418 ng  
RT: 6.534 min Scan# 722  
Delta R.T. -0.006 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25



Tgt Ion: 94 Resp: 64136  
Ion Ratio Lower Upper  
94 100  
65 27.5 11.4 51.4  
66 41.5 21.4 61.4







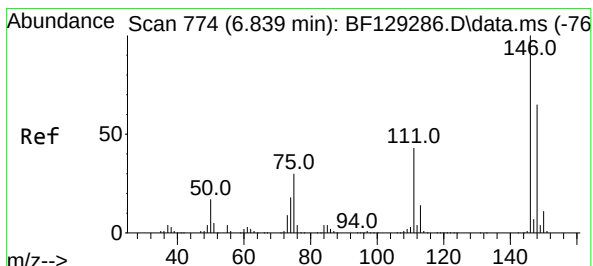
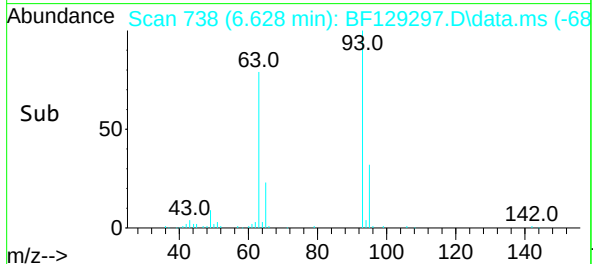
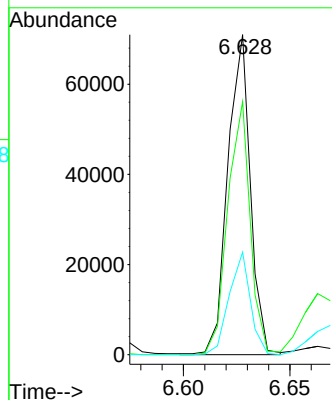
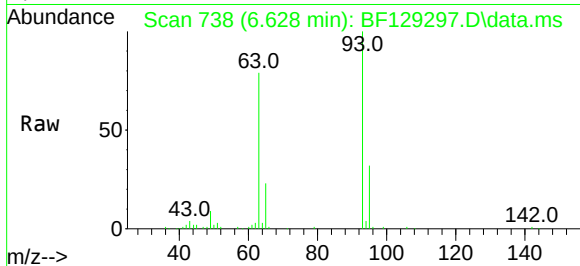
#11  
bis(2-Chloroethyl)ether  
Concen: 4.551 ng  
RT: 6.628 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25

Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-SOIL-02-QT2-2022

Tgt Ion: 93 Resp: 5230  
Ion Ratio Lower Upper  
93 100  
63 79.1 67.4 107.4  
95 32.1 12.7 52.7

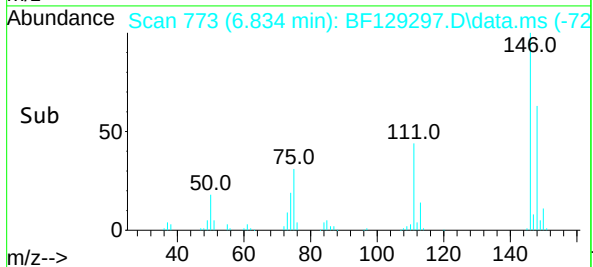
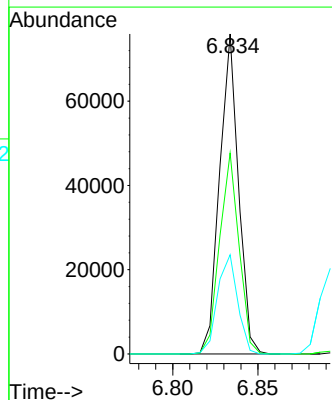
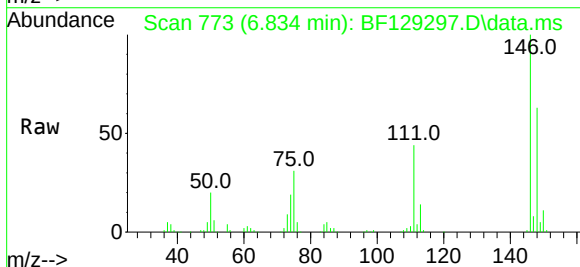
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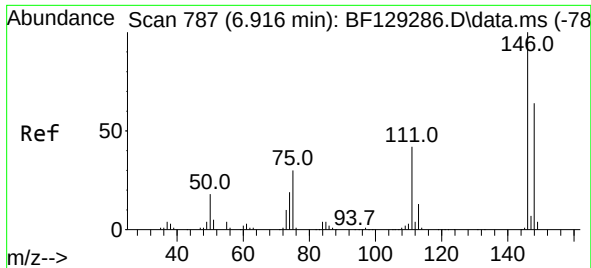
Reviewed By :Christian Giraldo 07/22/2022  
Supervised By :Jagrut Upadhyay 07/22/2022



#12  
1,3-Dichlorobenzene  
Concen: 4.578 ng  
RT: 6.834 min Scan# 773  
Delta R.T. -0.006 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25

Tgt Ion:146 Resp: 58612  
Ion Ratio Lower Upper  
146 100  
148 62.8 50.6 75.8  
75 31.0 26.3 39.5





#13

1,4-Dichlorobenzene

Concen: 4.622 ng

RT: 6.910 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF129297.D

Acq: 21 Jul 2022 15:25

Instrument :

BNA\_F

ClientSampleId :

LOQ-SOIL-02-QT2-2022

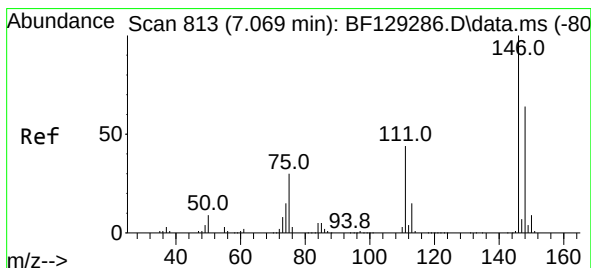
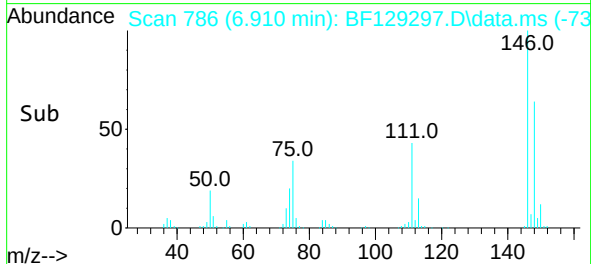
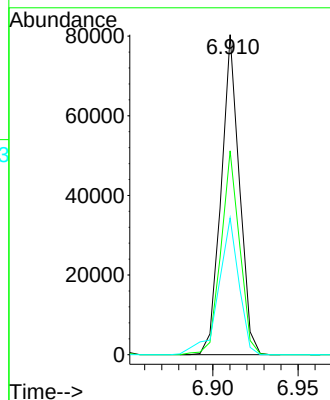
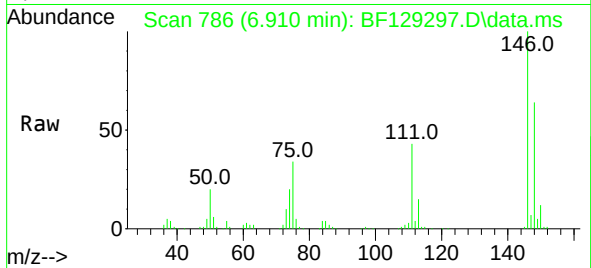
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:146 | Resp: | 5988      |
| Ion Ratio   | Lower | Upper     |
| 146         | 100   |           |
| 148         | 63.7  | 51.1 76.7 |
| 111         | 42.8  | 34.2 51.4 |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/22/2022

Supervised By :Jagrut Upadhyay 07/22/2022



#14

1,2-Dichlorobenzene

Concen: 4.729 ng

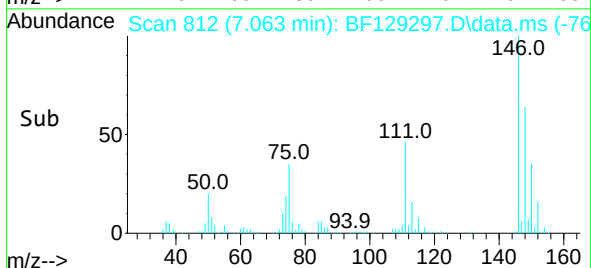
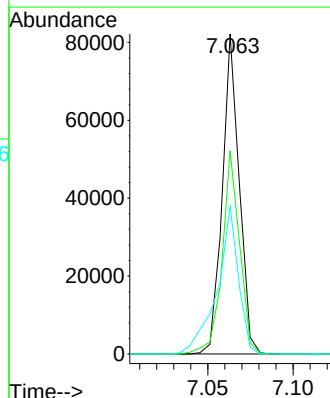
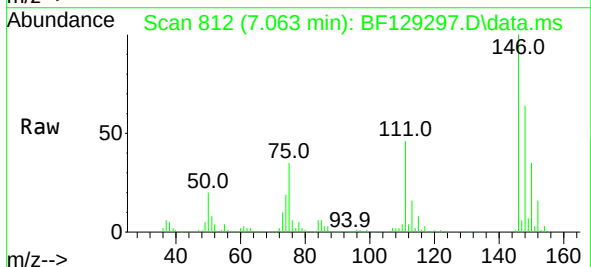
RT: 7.063 min Scan# 812

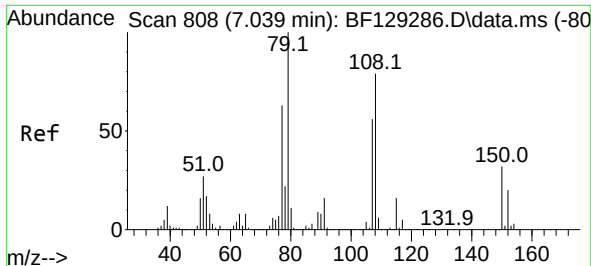
Delta R.T. -0.006 min

Lab File: BF129297.D

Acq: 21 Jul 2022 15:25

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:146 | Resp: | 56615     |
| Ion Ratio   | Lower | Upper     |
| 146         | 100   |           |
| 148         | 63.5  | 51.8 77.8 |
| 111         | 46.2  | 35.1 52.7 |





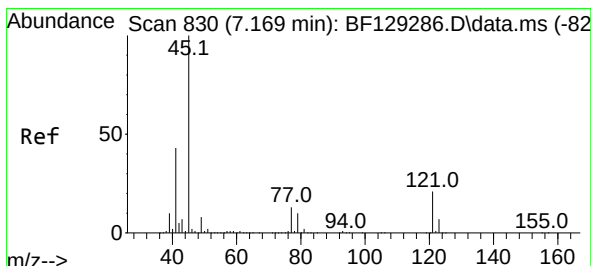
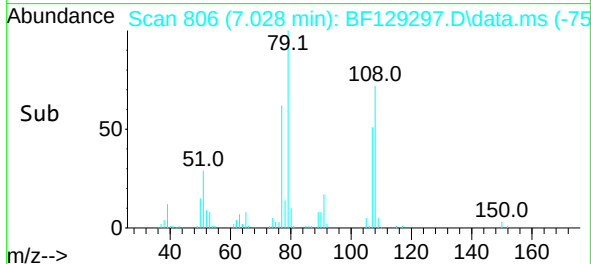
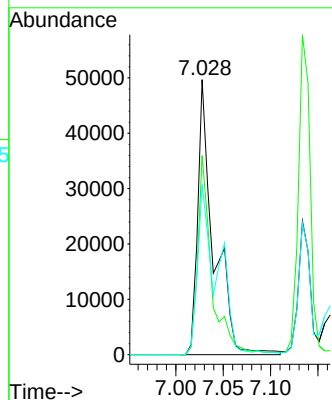
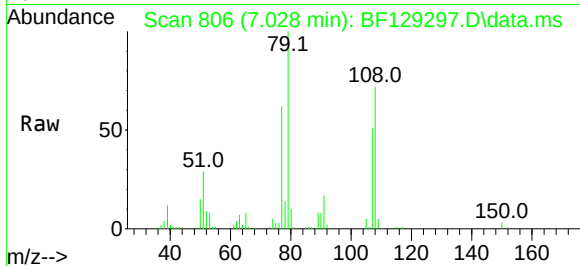
#15  
Benzyl Alcohol  
Concen: 5.869 ng  
RT: 7.028 min Scan# 806  
Delta R.T. -0.012 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25

Instrument : BNA\_F  
ClientSampleId :  
LOQ-SOIL-02-QT2-2022

Tgt Ion: 79 Resp: 58820  
Ion Ratio Lower Upper  
79 100  
108 72.4 61.8 92.6  
77 61.8 50.2 75.4

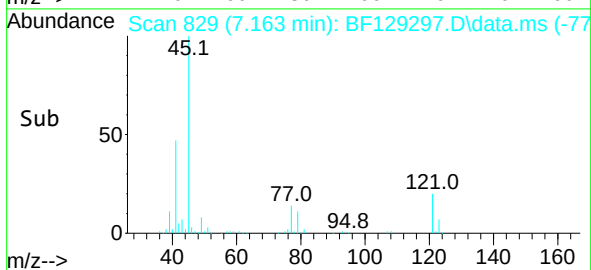
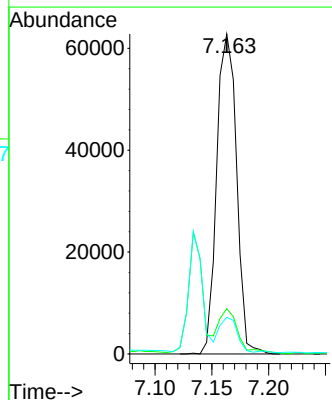
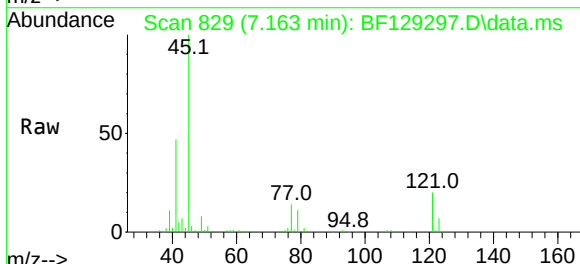
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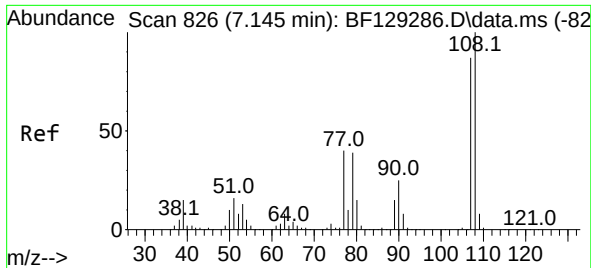
Reviewed By :Christian Giraldo 07/22/2022  
Supervised By :Jagrut Upadhyay 07/22/2022



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 4.350 ng  
RT: 7.163 min Scan# 829  
Delta R.T. -0.006 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25

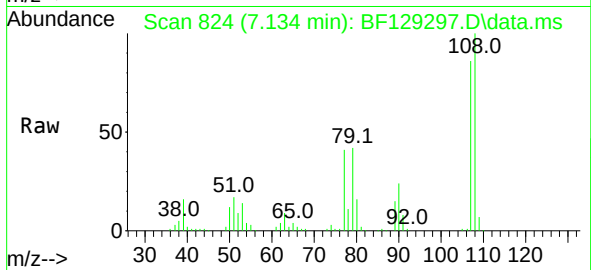
Tgt Ion: 45 Resp: 76206  
Ion Ratio Lower Upper  
45 100  
77 14.2 0.0 31.3  
79 11.5 0.0 28.3





#17  
2-Methylphenol  
Concen: 4.540 ng  
RT: 7.134 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25

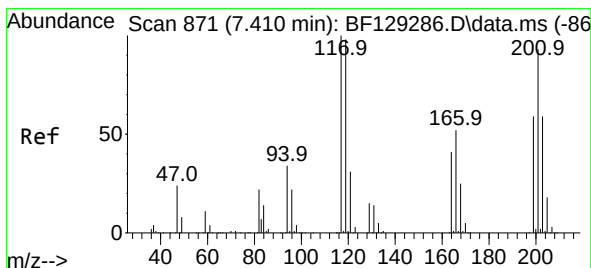
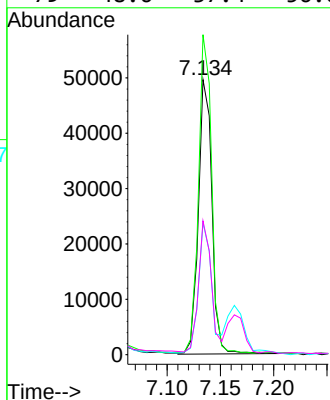
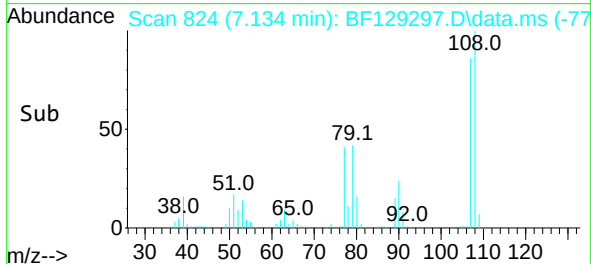
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-SOIL-02-QT2-2022



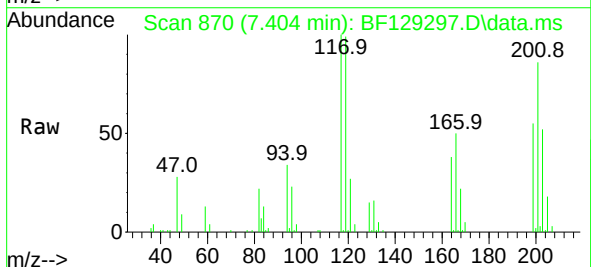
Tgt Ion:107 Resp: 43960  
Ion Ratio Lower Upper  
107 100  
108 116.3 91.9 137.9  
77 47.9 37.8 56.8  
79 48.6 37.4 56.0

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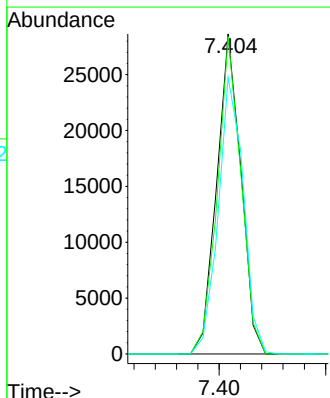
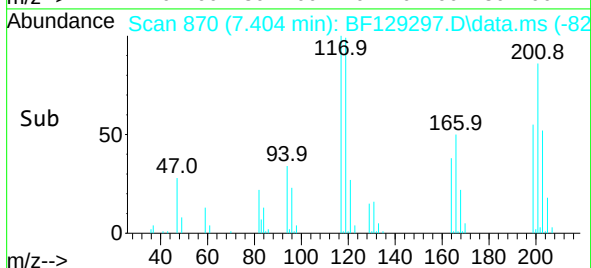
Reviewed By :Christian Giraldo 07/22/2022  
Supervised By :Jagrut Upadhyay 07/22/2022

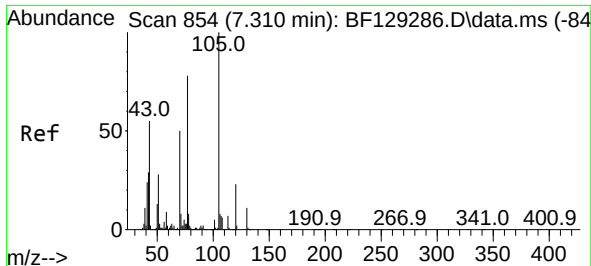


#18  
Hexachloroethane  
Concen: 4.639 ng  
RT: 7.404 min Scan# 870  
Delta R.T. -0.006 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25



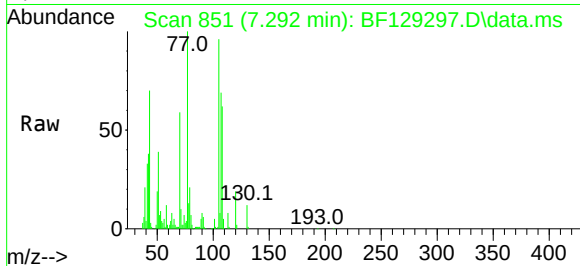
Tgt Ion:117 Resp: 22551  
Ion Ratio Lower Upper  
117 100  
119 99.2 77.4 116.2  
201 86.4 84.6 127.0





#19  
n-Nitroso-di-n-propylamine  
Concen: 4.629 ng  
RT: 7.292 min Scan# 810  
Delta R.T. -0.018 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25

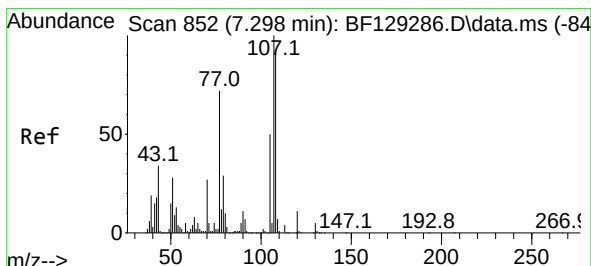
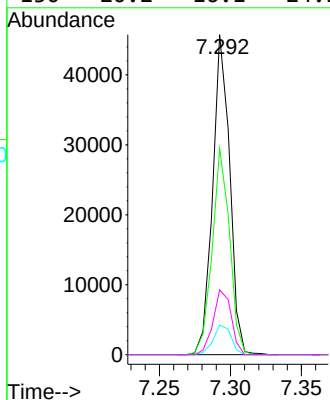
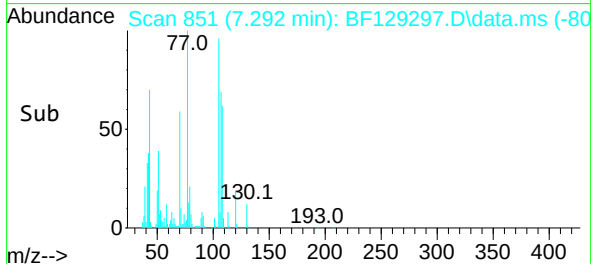
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-SOIL-02-QT2-2022



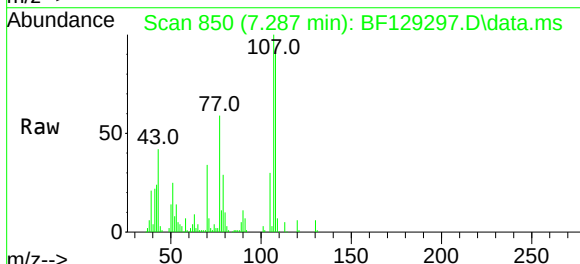
| Tgt Ion: | 70    | Resp: | 3810  |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 64.4  | 52.3  | 78.5  |
| 101      | 9.2   | 7.5   | 11.3  |
| 130      | 20.2  | 16.1  | 24.1  |

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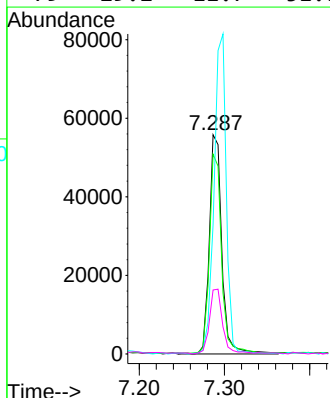
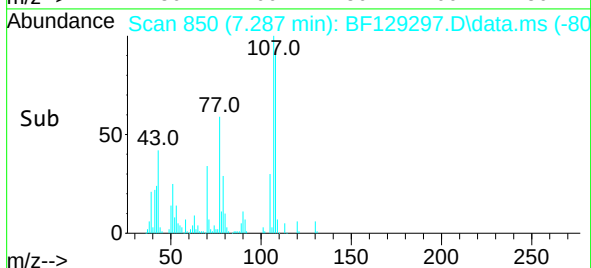
Reviewed By :Christian Giraldo 07/22/2022  
Supervised By :Jagrut Upadhyay 07/22/2022

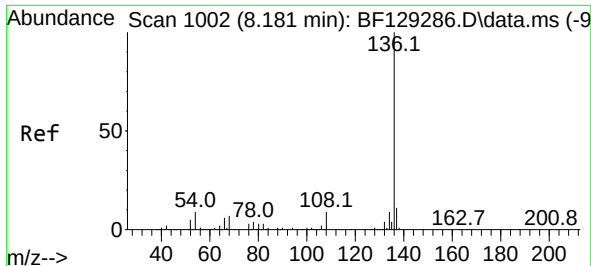


#20  
3+4-Methylphenols  
Concen: 4.525 ng  
RT: 7.287 min Scan# 850  
Delta R.T. -0.012 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25



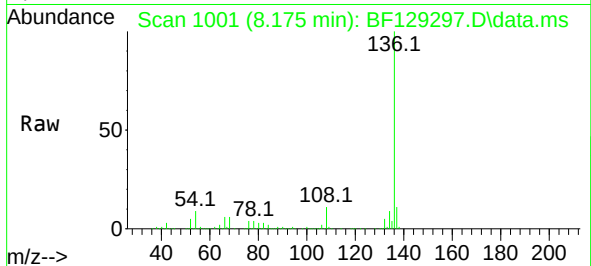
| Tgt Ion: | 107   | Resp: | 57135 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 91.1  | 71.8  | 111.8 |
| 77       | 58.9  | 59.3  | 99.3# |
| 79       | 29.2  | 11.7  | 51.7  |





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.175 min Scan# 1001  
Delta R.T. -0.006 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25

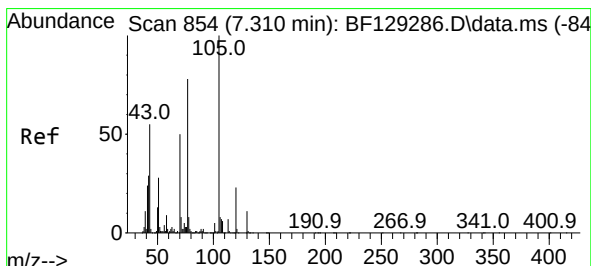
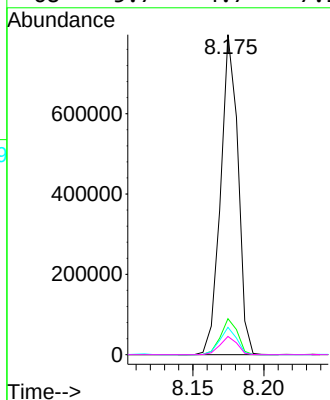
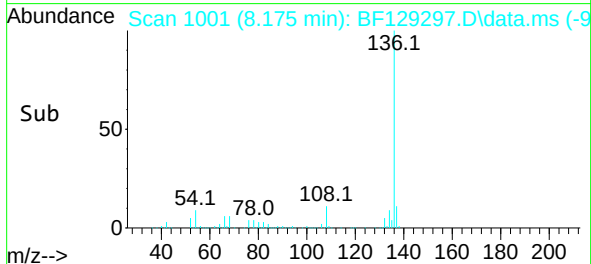
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-SOIL-02-QT2-2022



Tgt Ion:136 Resp: 67558  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.8 13.2  
54 8.5 7.5 11.3  
68 5.7 4.7 7.1

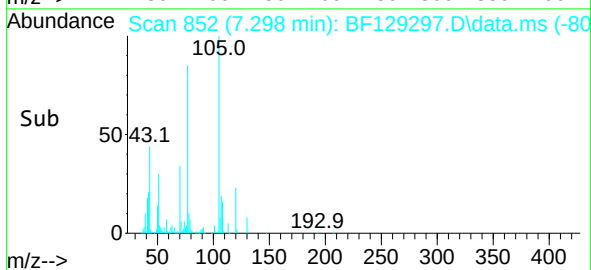
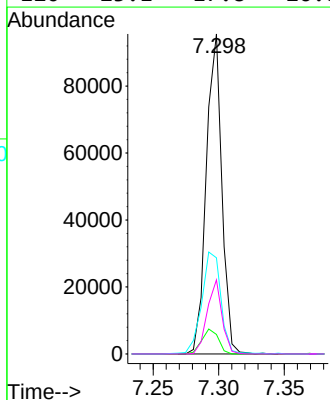
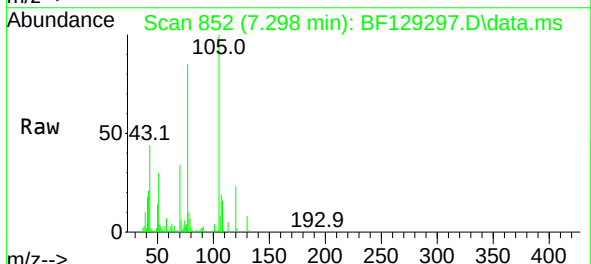
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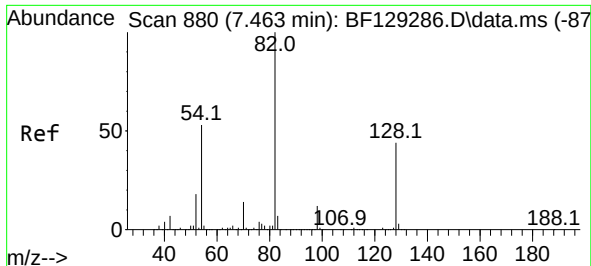
Reviewed By :Christian Giraldo 07/22/2022  
Supervised By :Jagrut Upadhyay 07/22/2022



#22  
Acetophenone  
Concen: 4.978 ng  
RT: 7.298 min Scan# 852  
Delta R.T. -0.012 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25

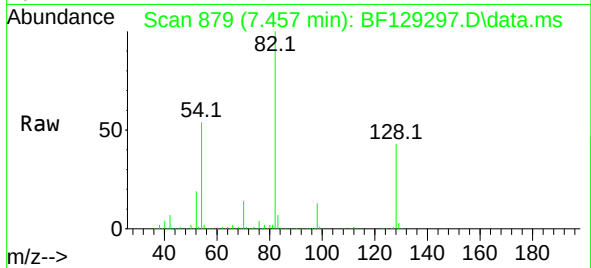
Tgt Ion:105 Resp: 78962  
Ion Ratio Lower Upper  
105 100  
71 6.1 5.0 7.4  
51 30.1 25.0 37.4  
120 23.1 17.8 26.8





#23  
Nitrobenzene-d5  
Concen: 68.670 ng  
RT: 7.457 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25

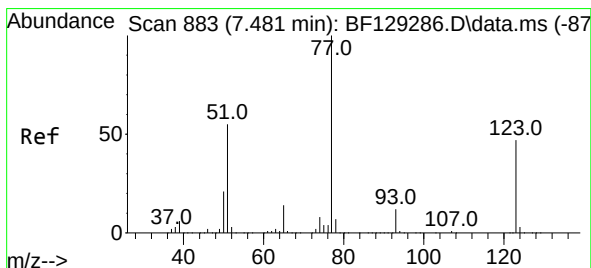
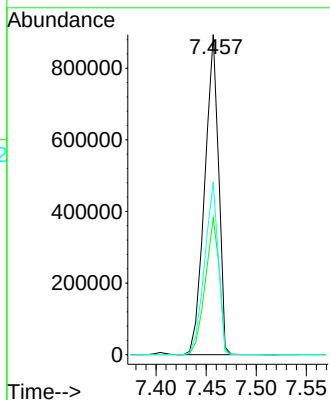
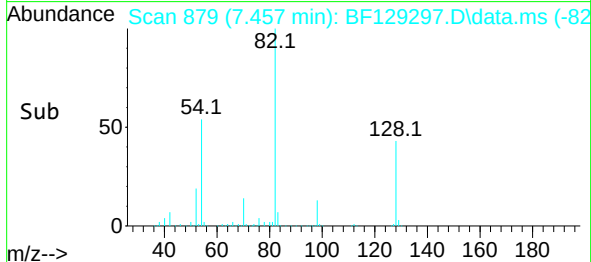
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-SOIL-02-QT2-2022



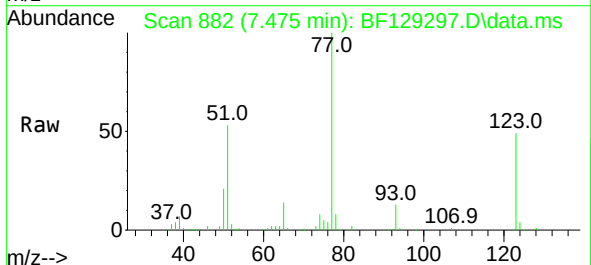
Tgt Ion: 82 Resp: 862314  
Ion Ratio Lower Upper  
82 100  
128 42.8 34.0 51.0  
54 53.9 46.9 70.3

Manual Integrations  
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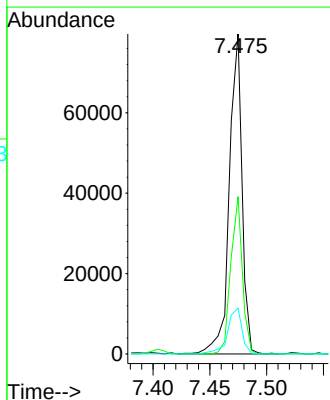
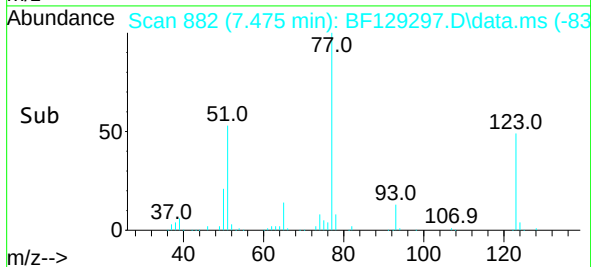
Reviewed By :Christian Giraldo 07/22/2022  
Supervised By :Jagrut Upadhyay 07/22/2022

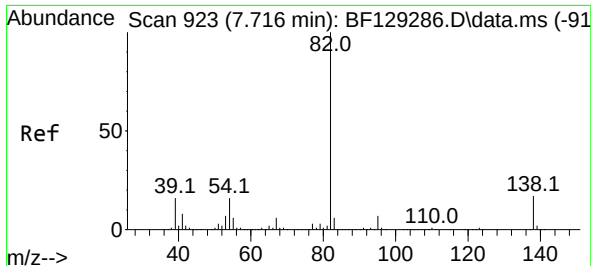


#24  
Nitrobenzene  
Concen: 4.797 ng  
RT: 7.475 min Scan# 882  
Delta R.T. -0.006 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25



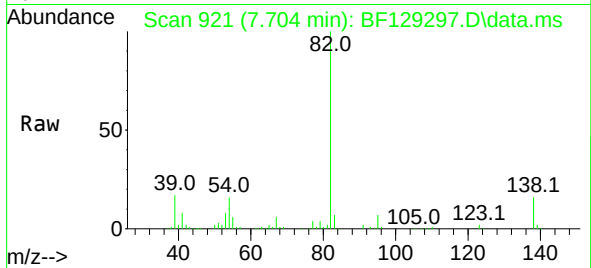
Tgt Ion: 77 Resp: 62041  
Ion Ratio Lower Upper  
77 100  
123 49.1 35.4 53.2  
65 14.3 11.8 17.8





#25  
Isophorone  
Concen: 4.757 ng  
RT: 7.704 min Scan# 912  
Delta R.T. -0.012 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25

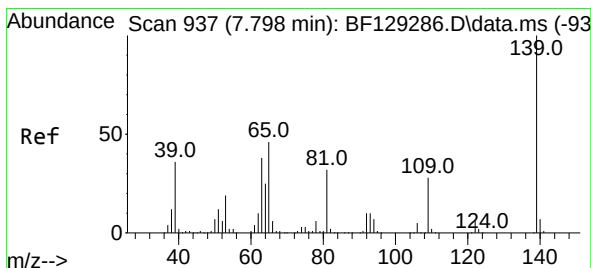
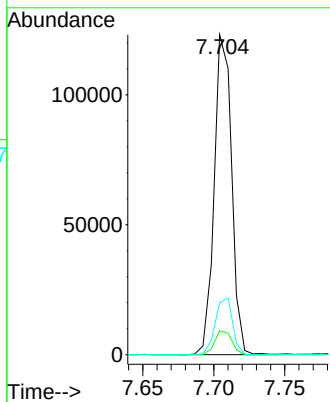
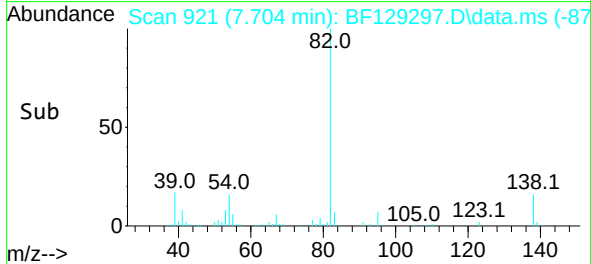
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-SOIL-02-QT2-2022



Tgt Ion: 82 Resp: 10487  
Ion Ratio Lower Upper  
82 100  
95 7.4 5.7 8.5  
138 16.2 14.2 21.2

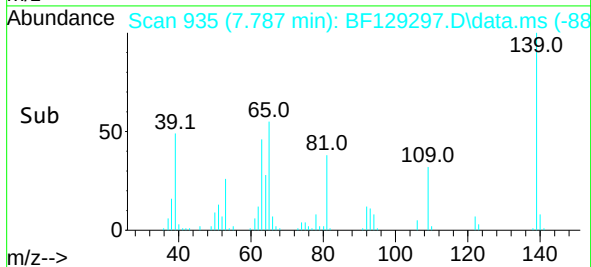
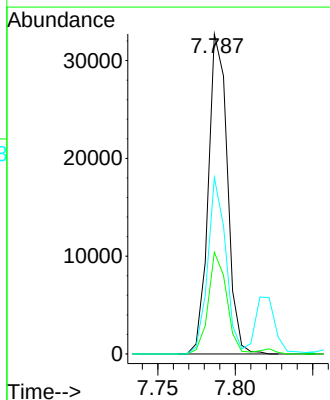
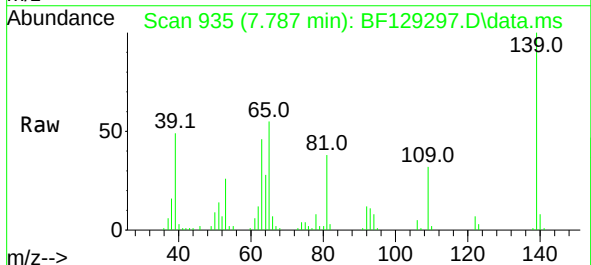
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Supervised By :Jagrut Upadhyay 07/22/2022

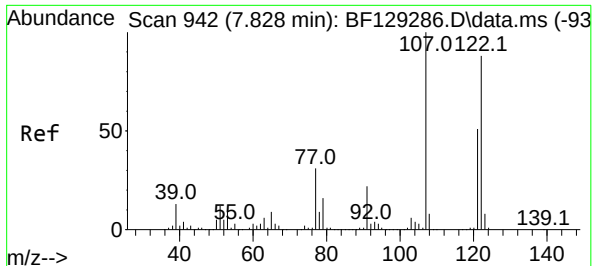


#26  
2-Nitrophenol  
Concen: 4.484 ng  
RT: 7.787 min Scan# 935  
Delta R.T. -0.012 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25

Tgt Ion:139 Resp: 27981  
Ion Ratio Lower Upper  
139 100  
109 31.8 25.0 37.4  
65 55.1 45.1 67.7







#27

2,4-Dimethylphenol

Concen: 5.226 ng m

RT: 7.822 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF129297.D

Acq: 21 Jul 2022 15:25

Instrument :

BNA\_F

ClientSampleId :

LOQ-SOIL-02-QT2-2022

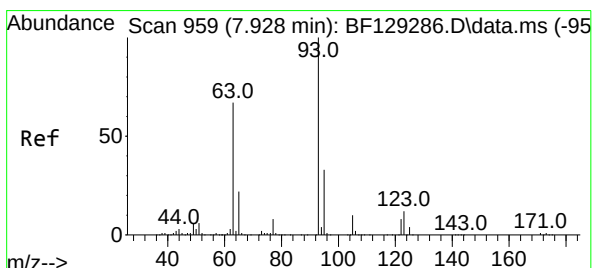
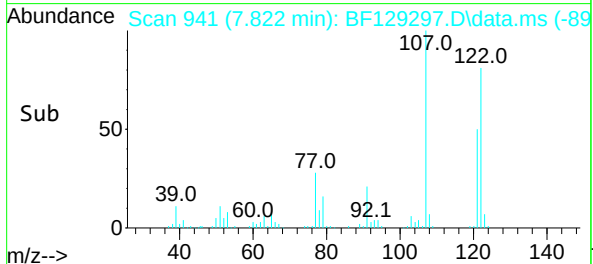
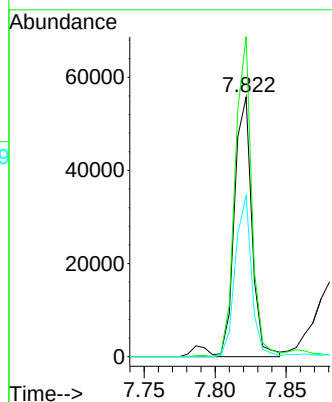
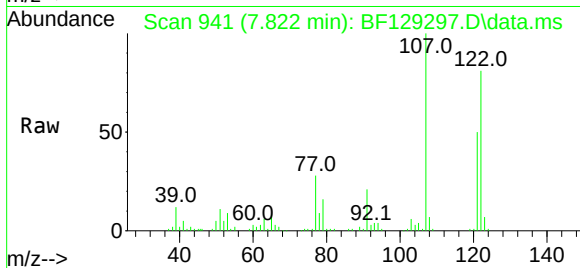
Tgt Ion:122 Resp: 49062

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 122 | 100   |       |       |
| 107 | 123.3 | 93.0  | 139.6 |
| 121 | 62.0  | 46.6  | 70.0  |

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Reviewed By :Christian Giraldo 07/22/2022  
Supervised By :Jagrut Upadhyay 07/22/2022



#28

bis(2-Chloroethoxy)methane

Concen: 5.072 ng

RT: 7.916 min Scan# 957

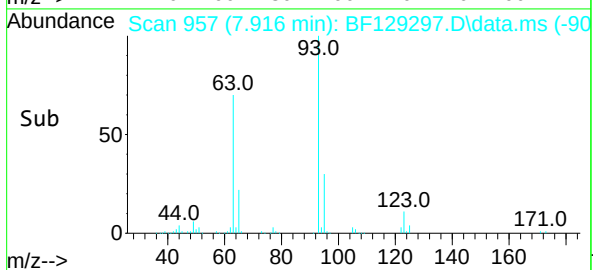
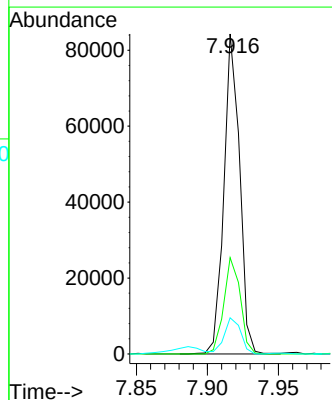
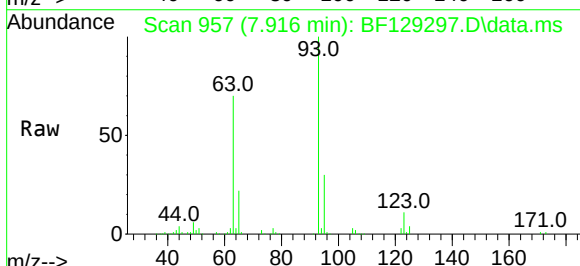
Delta R.T. -0.012 min

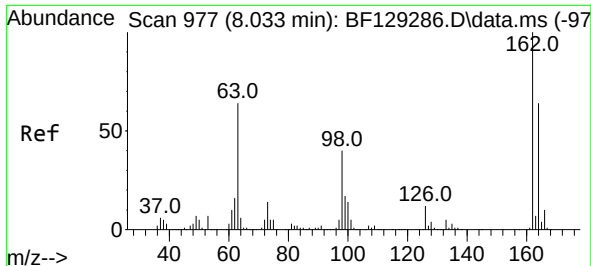
Lab File: BF129297.D

Acq: 21 Jul 2022 15:25

Tgt Ion: 93 Resp: 64784

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 95  | 30.1  | 26.8  | 40.2  |
| 123 | 11.3  | 9.2   | 13.8  |





#29

2,4-Dichlorophenol

Concen: 4.409 ng

RT: 8.028 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF129297.D

Acq: 21 Jul 2022 15:25

Instrument :

BNA\_F

ClientSampleId :

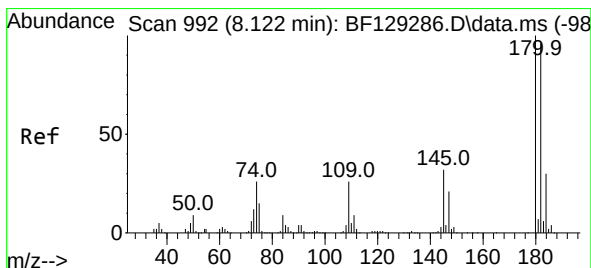
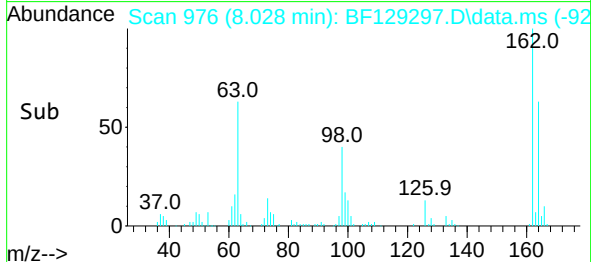
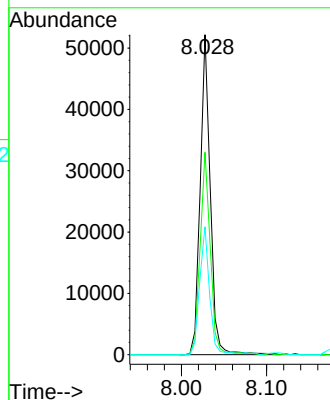
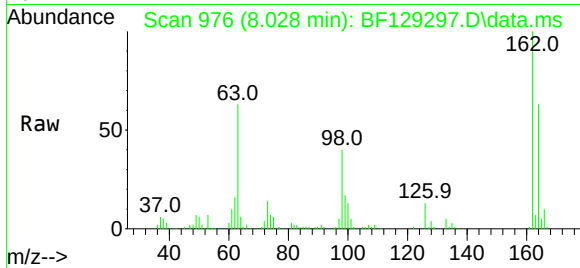
LOQ-SOIL-02-QT2-2022

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:162 | Resp: | 43054     |
| Ion Ratio   | Lower | Upper     |
| 162         | 100   |           |
| 164         | 63.3  | 44.2 84.2 |
| 98          | 39.9  | 19.6 59.6 |

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Supervised By :Jagrut Upadhyay 07/22/2022



#30

1,2,4-Trichlorobenzene

Concen: 4.716 ng

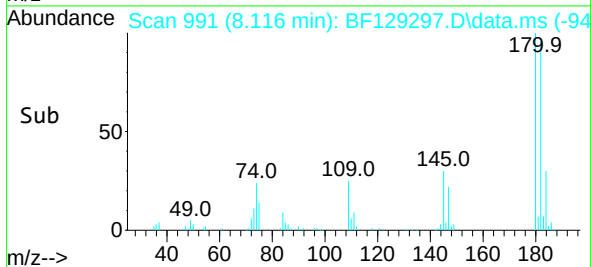
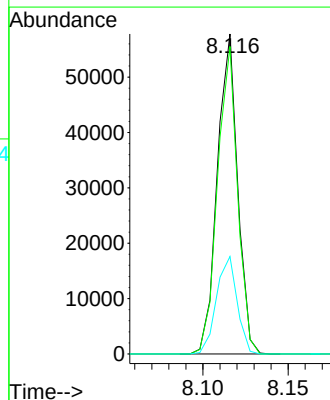
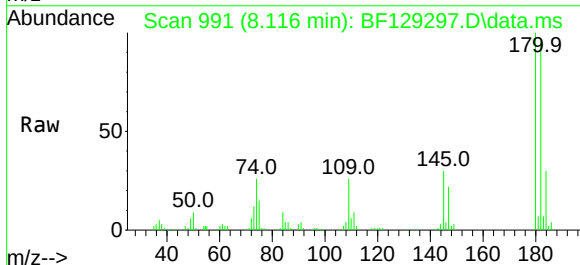
RT: 8.116 min Scan# 991

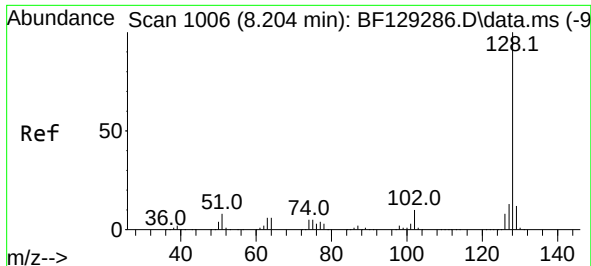
Delta R.T. -0.006 min

Lab File: BF129297.D

Acq: 21 Jul 2022 15:25

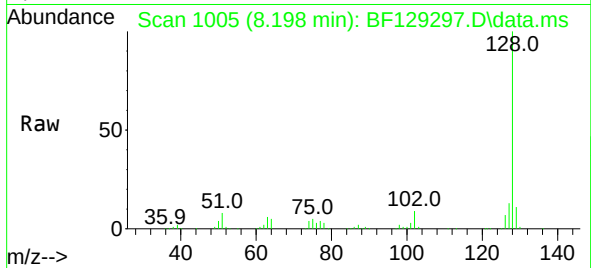
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 47862      |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 96.1  | 79.2 118.8 |
| 145         | 30.5  | 26.2 39.2  |





#31  
Naphthalene  
Concen: 4.653 ng  
RT: 8.198 min Scan# 1006  
Delta R.T. -0.006 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25

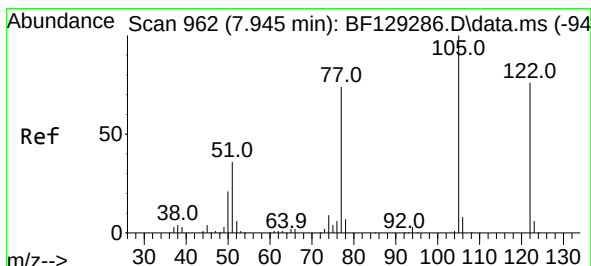
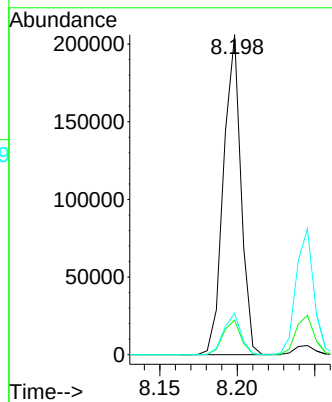
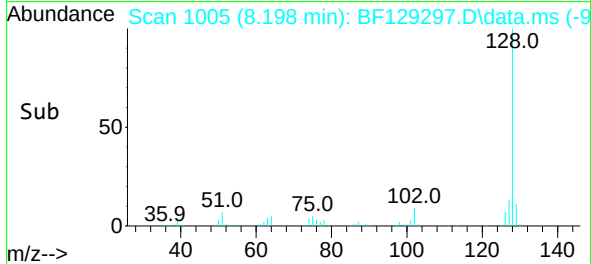
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-SOIL-02-QT2-2022



Tgt Ion:128 Resp: 16123  
Ion Ratio Lower Upper  
128 100  
129 10.8 9.2 13.8  
127 13.0 10.5 15.7

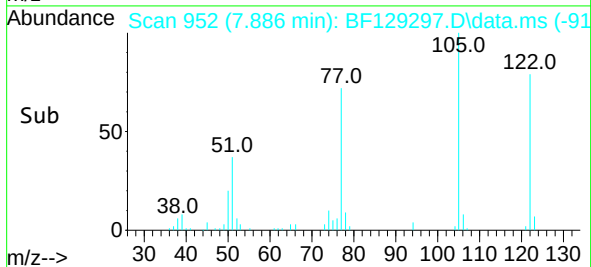
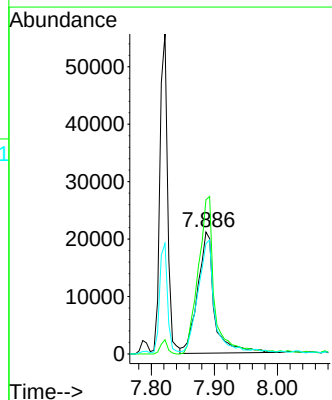
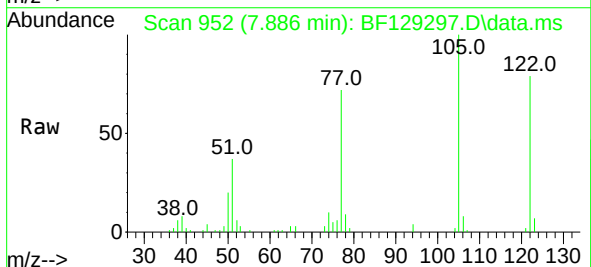
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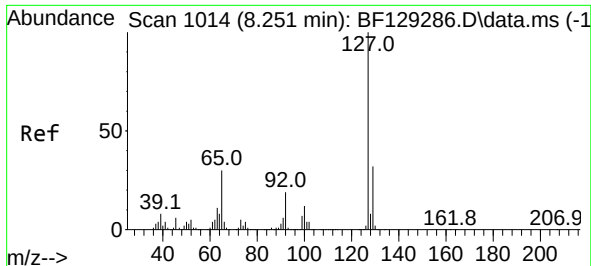
Reviewed By :Christian Giraldo 07/22/2022  
Supervised By :Jagrut Upadhyay 07/22/2022



#32  
Benzoic acid  
Concen: 5.637 ng  
RT: 7.886 min Scan# 952  
Delta R.T. -0.059 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25

Tgt Ion:122 Resp: 38679  
Ion Ratio Lower Upper  
122 100  
105 126.5 107.1 147.1  
77 90.6 74.2 114.2





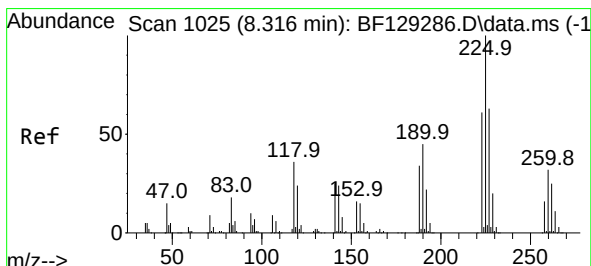
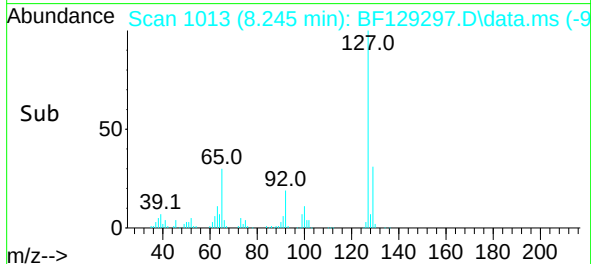
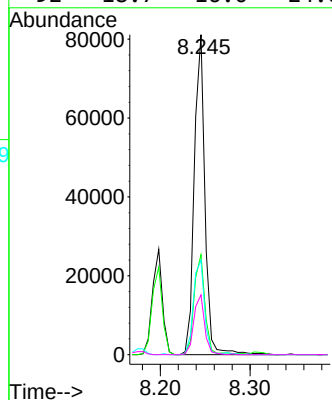
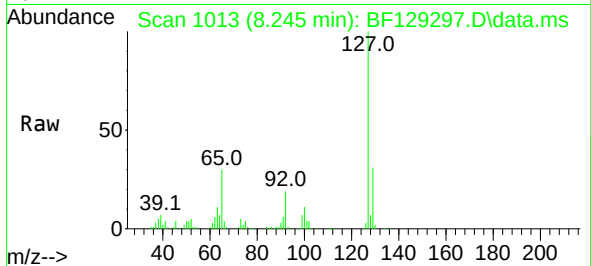
#33  
4-Chloroaniline  
Concen: 4.753 ng  
RT: 8.245 min Scan# 1013  
Delta R.T. -0.006 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25

Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-SOIL-02-QT2-2022

|             |             |
|-------------|-------------|
| Tgt Ion:127 | Resp: 6716  |
| Ion Ratio   | Lower Upper |
| 127 100     |             |
| 129 31.3    | 26.4 39.6   |
| 65 29.5     | 26.4 39.6   |
| 92 18.7     | 16.0 24.0   |

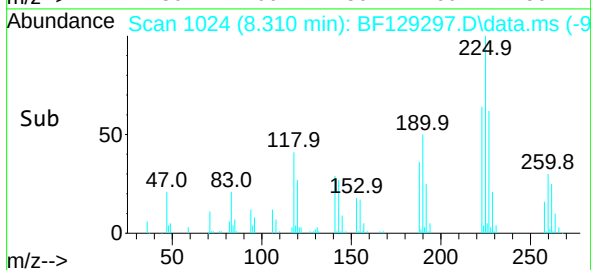
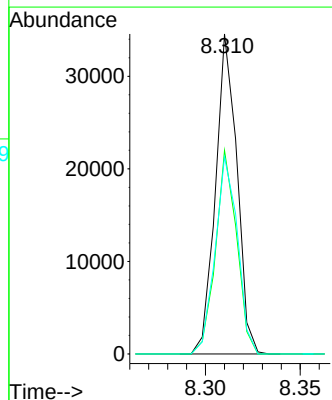
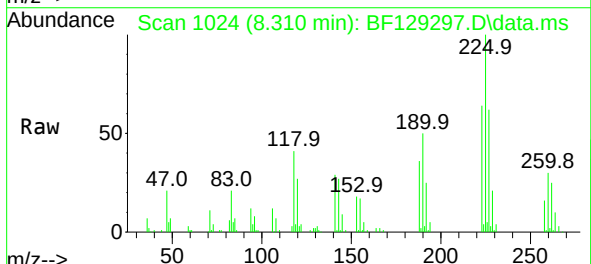
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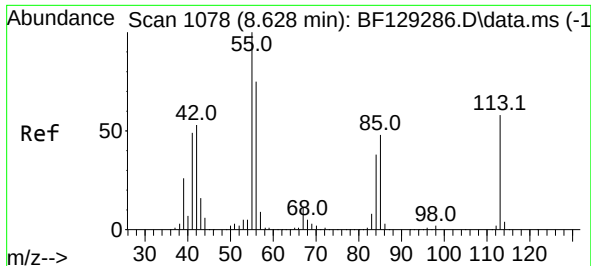
Reviewed By :Christian Giraldo 07/22/2022  
Supervised By :Jagrut Upadhyay 07/22/2022



#34  
Hexachlorobutadiene  
Concen: 4.691 ng  
RT: 8.310 min Scan# 1024  
Delta R.T. -0.006 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25

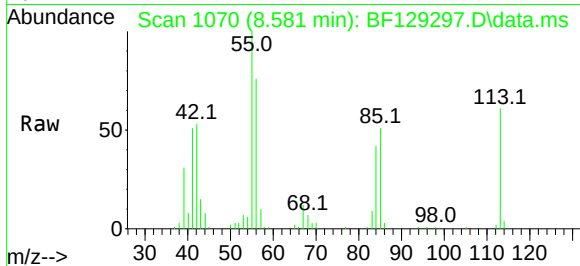
|             |             |
|-------------|-------------|
| Tgt Ion:225 | Resp: 27211 |
| Ion Ratio   | Lower Upper |
| 225 100     |             |
| 223 63.6    | 51.0 76.6   |
| 227 61.6    | 51.1 76.7   |





#35  
 Caprolactam  
 Concen: 4.486 ng  
 RT: 8.581 min Scan# 1093  
 Delta R.T. -0.047 min  
 Lab File: BF129297.D  
 Acq: 21 Jul 2022 15:25

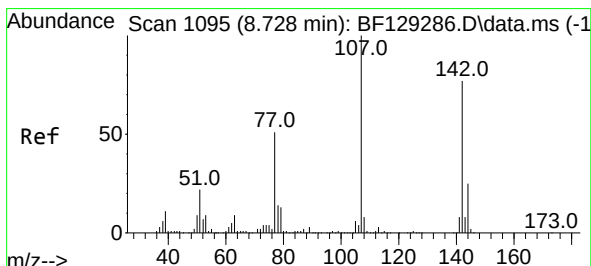
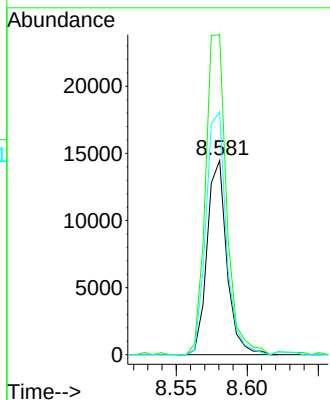
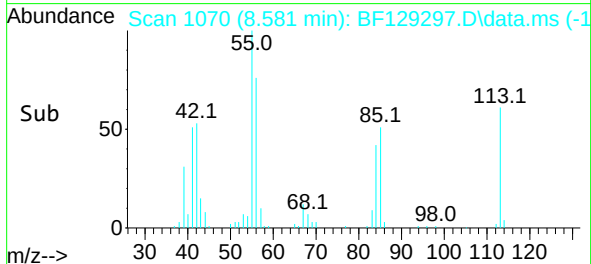
Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOQ-SOIL-02-QT2-2022



Tgt Ion:113 Resp: 1397  
 Ion Ratio Lower Upper  
 113 100  
 55 164.7 188.5 228.5  
 56 125.0 130.6 170.6

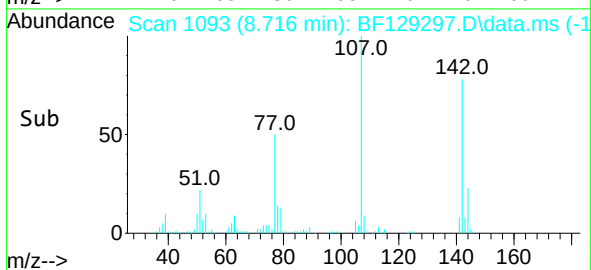
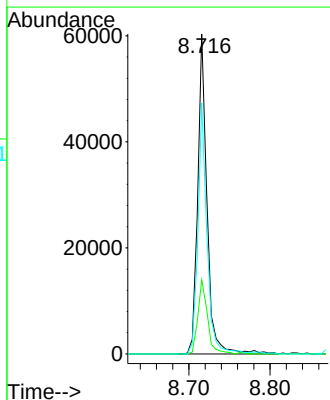
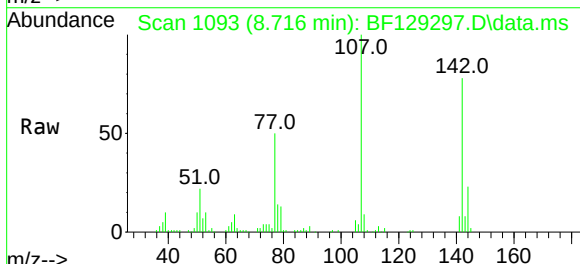
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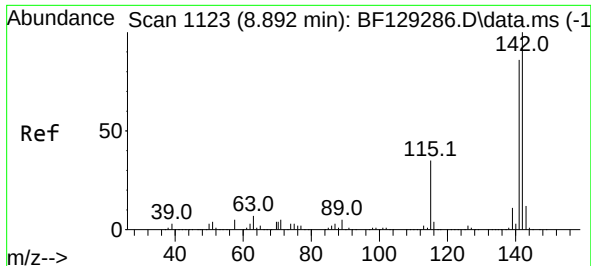
Reviewed By :Christian Giraldo 07/22/2022  
 Supervised By :Jagrut Upadhyay 07/22/2022



#36  
 4-Chloro-3-methylphenol  
 Concen: 4.656 ng  
 RT: 8.716 min Scan# 1093  
 Delta R.T. -0.012 min  
 Lab File: BF129297.D  
 Acq: 21 Jul 2022 15:25

Tgt Ion:107 Resp: 48300  
 Ion Ratio Lower Upper  
 107 100  
 144 23.1 19.5 29.3  
 142 78.4 58.2 87.4





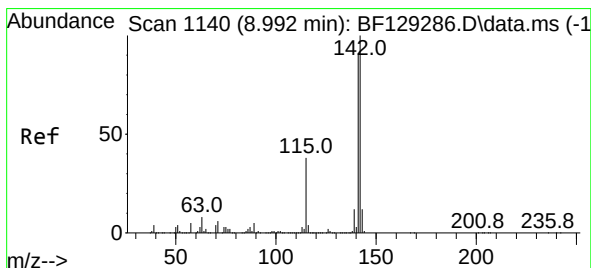
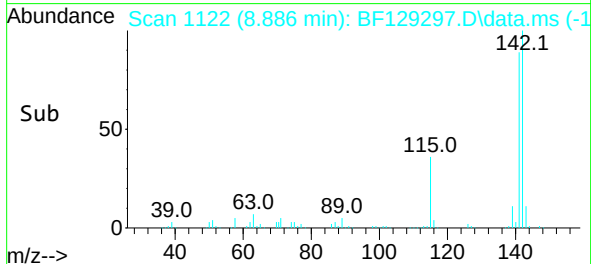
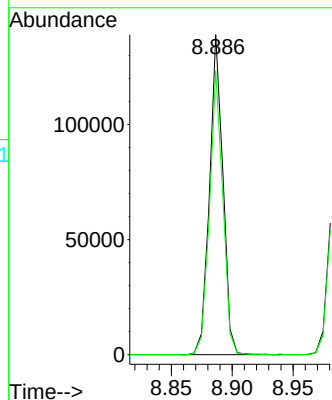
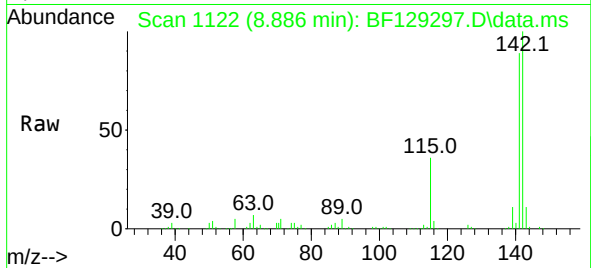
#37  
2-Methylnaphthalene  
Concen: 4.740 ng  
RT: 8.886 min Scan# 1119  
Delta R.T. -0.006 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25

Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-SOIL-02-QT2-2022

Tgt Ion:142 Resp: 106419  
Ion Ratio Lower Upper  
142 100  
141 88.6 71.0 106.4

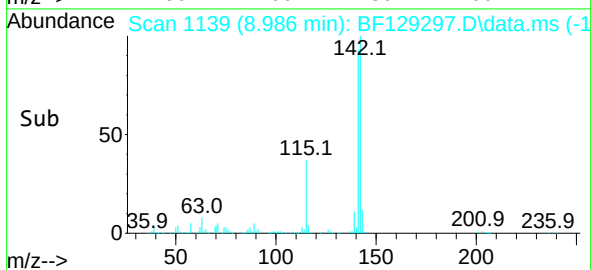
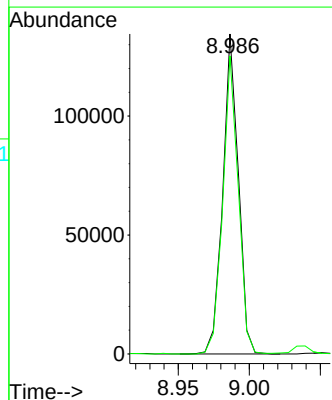
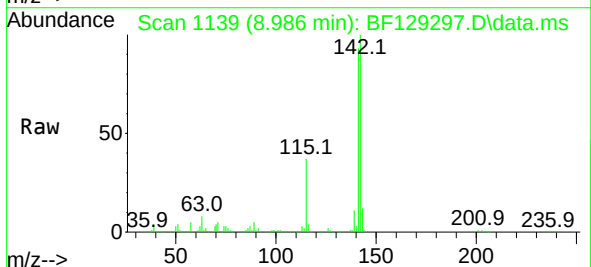
Manual Integrations  
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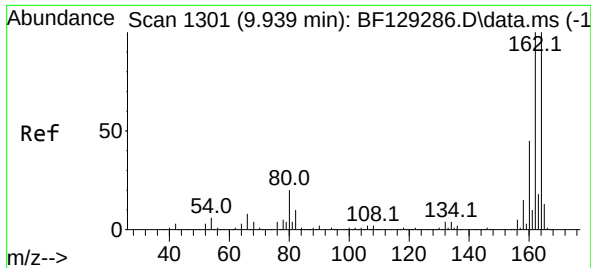
Reviewed By :Christian Giraldo 07/22/2022  
Supervised By :Jagrut Upadhyay 07/22/2022



#38  
1-Methylnaphthalene  
Concen: 4.707 ng  
RT: 8.986 min Scan# 1139  
Delta R.T. -0.006 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25

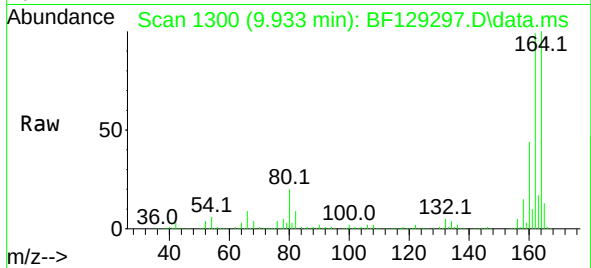
Tgt Ion:142 Resp: 102241  
Ion Ratio Lower Upper  
142 100  
141 93.1 74.2 111.4





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.933 min Scan# 1100  
Delta R.T. -0.006 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25

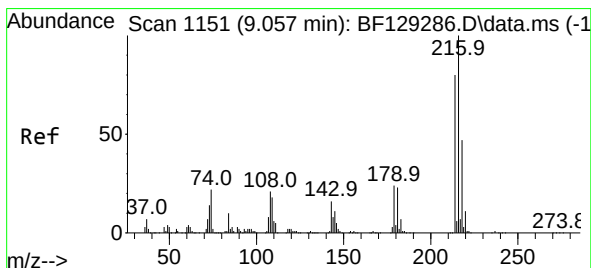
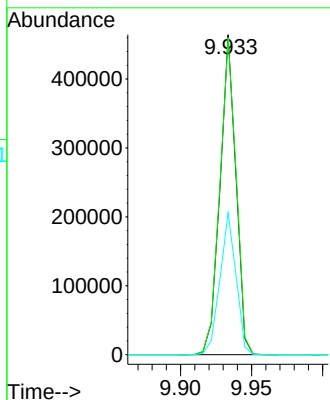
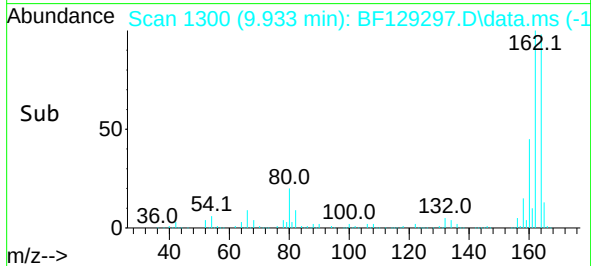
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-SOIL-02-QT2-2022



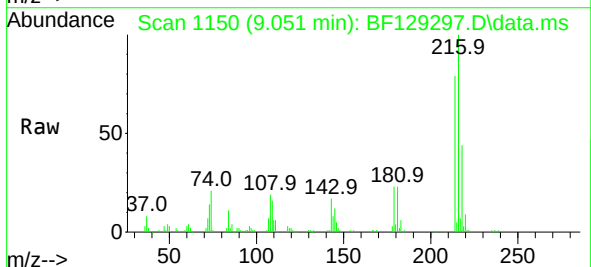
Tgt Ion:164 Resp: 360768  
Ion Ratio Lower Upper  
164 100  
162 99.1 79.5 119.3  
160 44.3 34.2 51.4

Manual Integrations  
APPROVED

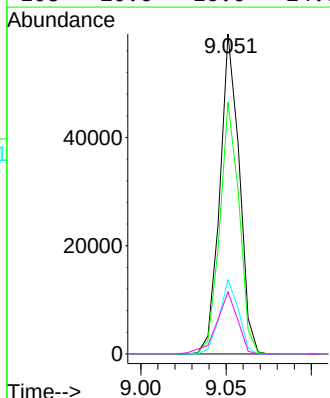
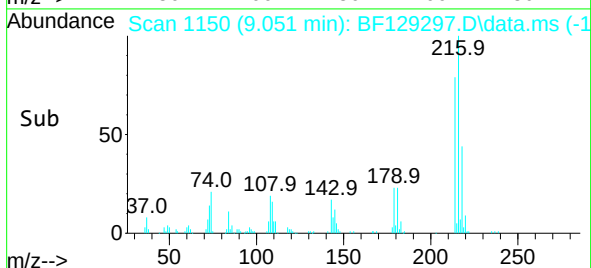
Reviewed By :Christian Giraldo 07/22/2022  
Supervised By :Jagrut Upadhyay 07/22/2022

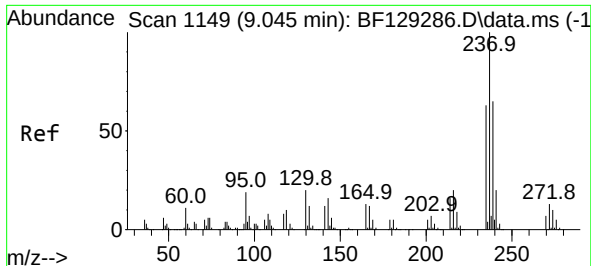


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 4.939 ng  
RT: 9.051 min Scan# 1150  
Delta R.T. -0.006 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25



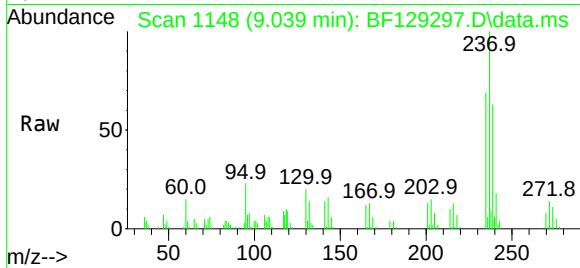
Tgt Ion:216 Resp: 46782  
Ion Ratio Lower Upper  
216 100  
214 78.2 63.6 95.4  
179 22.8 17.0 25.6  
108 20.6 16.0 24.0





#41  
Hexachlorocyclopentadiene  
Concen: 4.403 ng  
RT: 9.039 min Scan# 1148  
Delta R.T. -0.006 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25

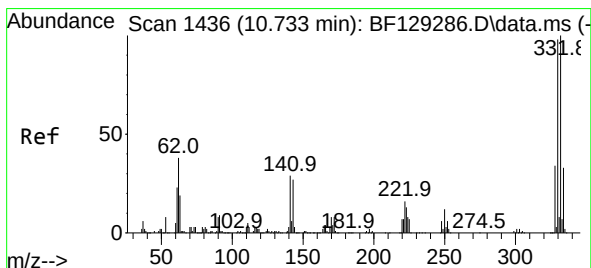
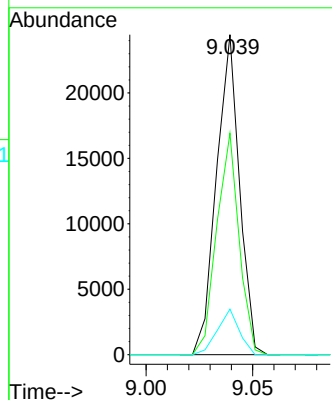
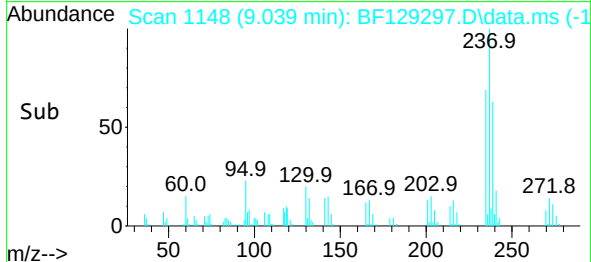
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-SOIL-02-QT2-2022



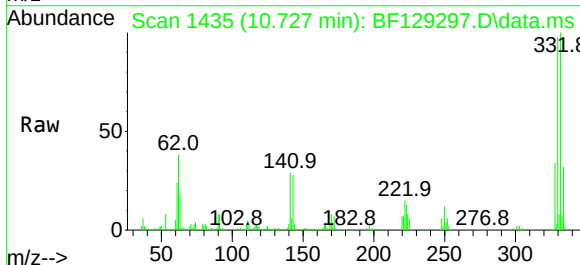
Tgt Ion:237 Resp: 18380  
Ion Ratio Lower Upper  
237 100  
235 69.2 43.2 83.2  
272 14.3 0.0 31.9

Manual Integrations  
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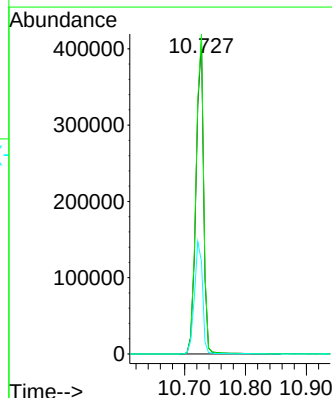
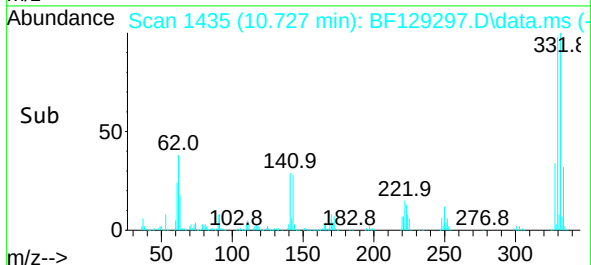
Reviewed By :Christian Giraldo 07/22/2022  
Supervised By :Jagrut Upadhyay 07/22/2022



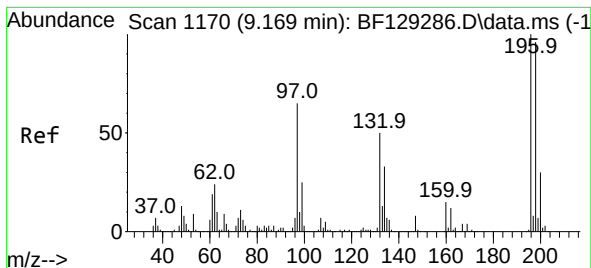
#42  
2,4,6-Tribromophenol  
Concen: 102.468 ng  
RT: 10.727 min Scan# 1435  
Delta R.T. -0.006 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25



Tgt Ion:330 Resp: 356656  
Ion Ratio Lower Upper  
330 100  
332 102.0 76.8 115.2  
141 37.8 28.0 42.0

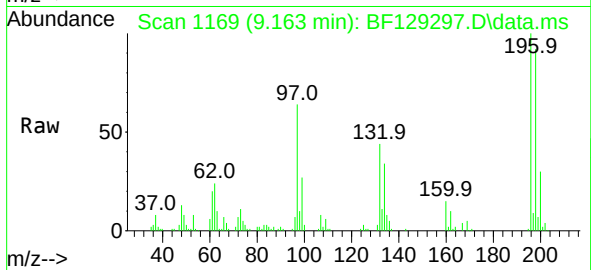






#43  
2,4,6-Trichlorophenol  
Concen: 4.507 ng  
RT: 9.163 min Scan# 1169  
Delta R.T. -0.006 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25

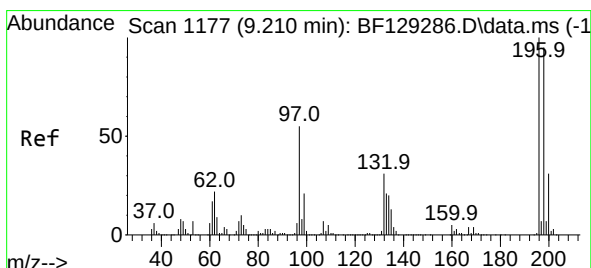
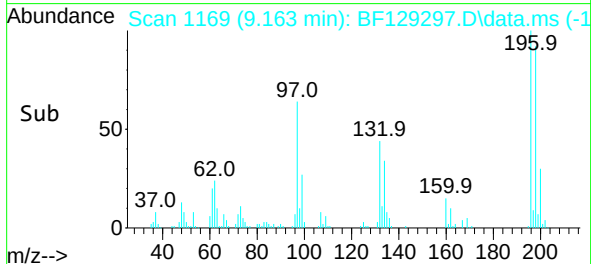
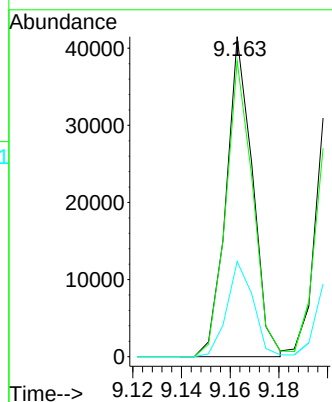
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-SOIL-02-QT2-2022



Tgt Ion:196 Resp: 3119  
Ion Ratio Lower Upper  
196 100  
198 92.4 74.0 111.0  
200 29.8 24.1 36.1

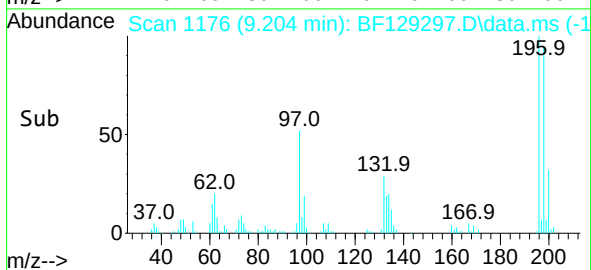
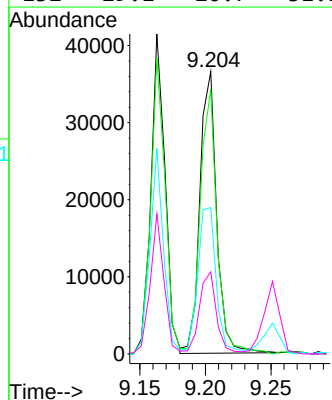
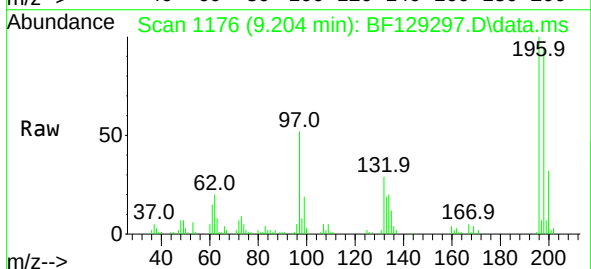
Manual Integrations  
APPROVED

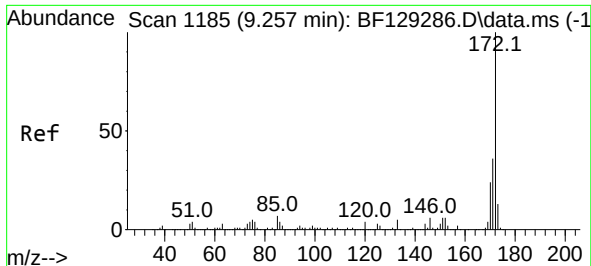
Reviewed By :Christian Giraldo 07/22/2022  
Supervised By :Jagrut Upadhyay 07/22/2022



#44  
2,4,5-Trichlorophenol  
Concen: 4.337 ng  
RT: 9.204 min Scan# 1176  
Delta R.T. -0.006 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25

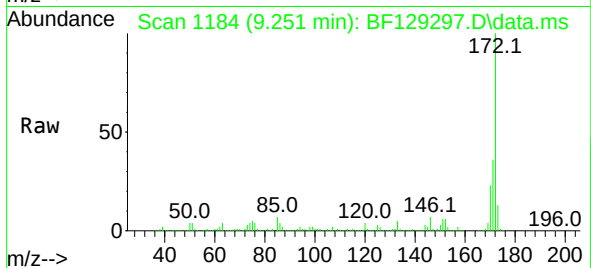
Tgt Ion:196 Resp: 32567  
Ion Ratio Lower Upper  
196 100  
198 93.7 75.7 113.5  
97 51.8 36.4 54.6  
132 29.1 20.7 31.1





#45  
2-Fluorobiphenyl  
Concen: 64.999 ng  
RT: 9.251 min Scan# 1184  
Delta R.T. -0.006 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25

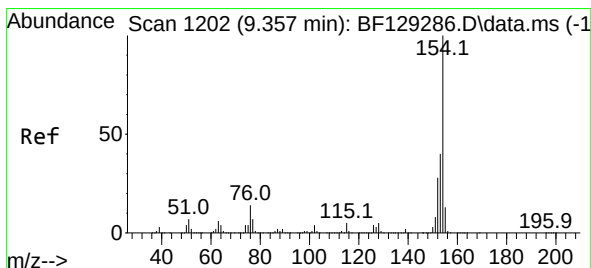
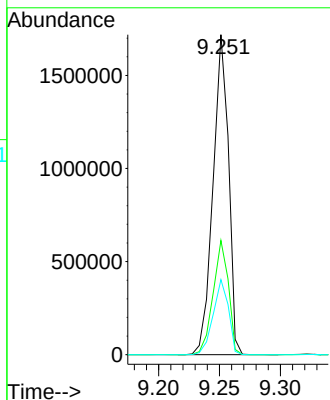
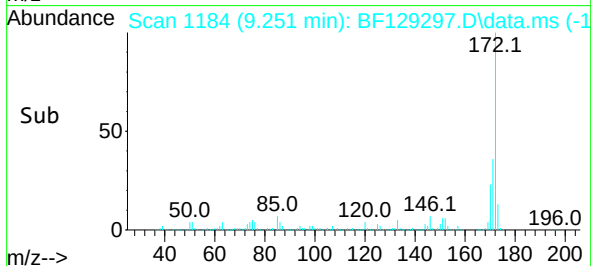
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-SOIL-02-QT2-2022



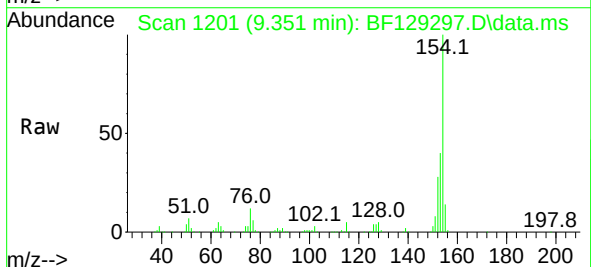
Tgt Ion:172 Resp: 152432  
Ion Ratio Lower Upper  
172 100  
171 35.7 28.8 43.2  
170 23.5 19.8 29.8

Manual Integrations  
APPROVED

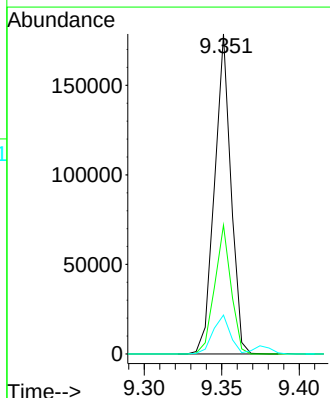
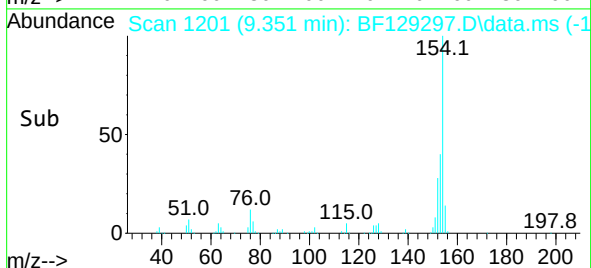
Reviewed By :Christian Giraldo 07/22/2022  
Supervised By :Jagrut Upadhyay 07/22/2022

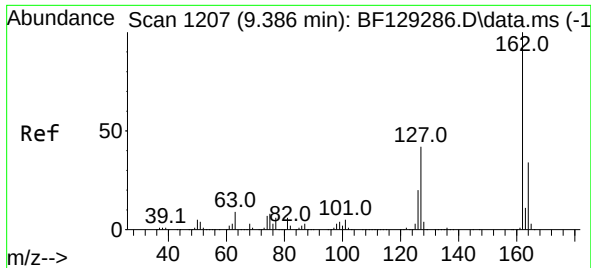


#46  
1,1'-Biphenyl  
Concen: 4.925 ng  
RT: 9.351 min Scan# 1201  
Delta R.T. -0.006 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25



Tgt Ion:154 Resp: 131283  
Ion Ratio Lower Upper  
154 100  
153 40.2 20.6 60.6  
76 12.2 0.0 33.3





#47

2-Chloronaphthalene

Concen: 4.713 ng

RT: 9.381 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF129297.D

Acq: 21 Jul 2022 15:25

Instrument :

BNA\_F

ClientSampleId :

LOQ-SOIL-02-QT2-2022

Tgt Ion:162 Resp: 100640

Ion Ratio Lower Upper

162 100

127 38.8 34.5 51.7

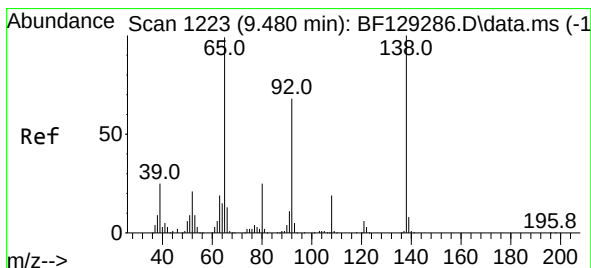
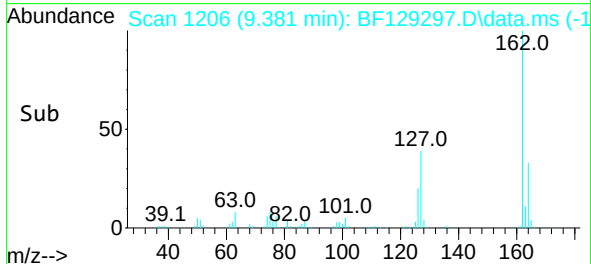
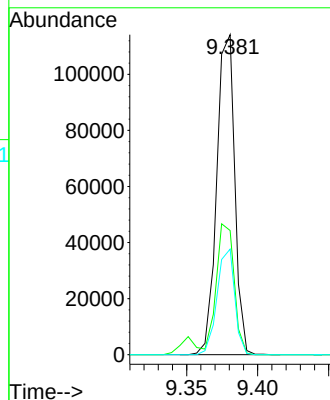
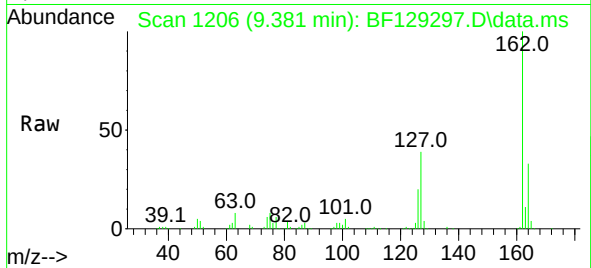
164 33.0 26.5 39.7

Manual Integrations

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Reviewed By :Christian Giraldo 07/22/2022

Supervised By :Jagrut Upadhyay 07/22/2022



#48

2-Nitroaniline

Concen: 4.392 ng

RT: 9.469 min Scan# 1221

Delta R.T. -0.012 min

Lab File: BF129297.D

Acq: 21 Jul 2022 15:25

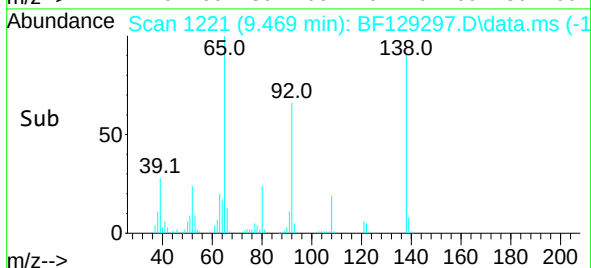
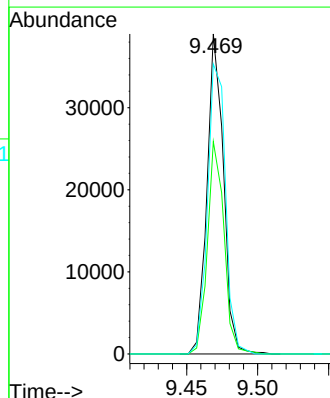
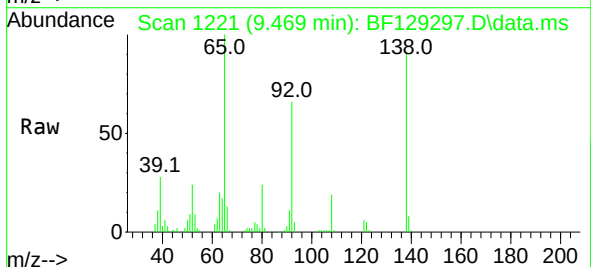
Tgt Ion: 65 Resp: 31498

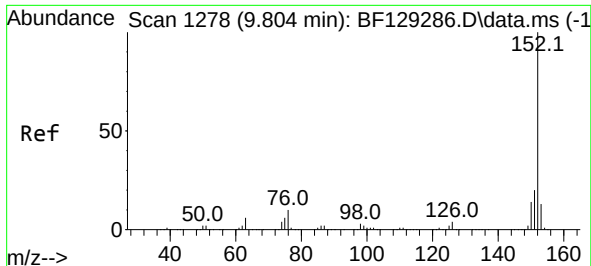
Ion Ratio Lower Upper

65 100

92 66.4 51.9 77.9

138 90.6 76.4 114.6





#49

Acenaphthylene

Concen: 4.975 ng

RT: 9.792 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF129297.D

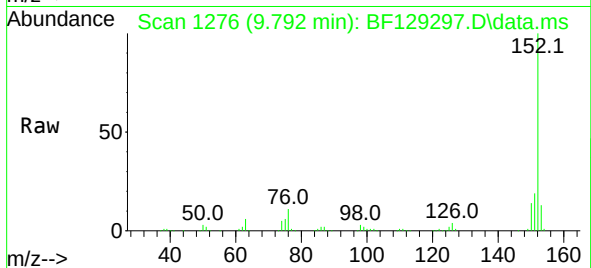
Acq: 21 Jul 2022 15:25

Instrument :

BNA\_F

ClientSampleId :

LOQ-SOIL-02-QT2-2022



Tgt Ion:152 Resp: 16313

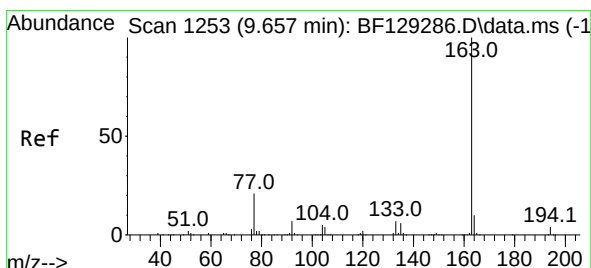
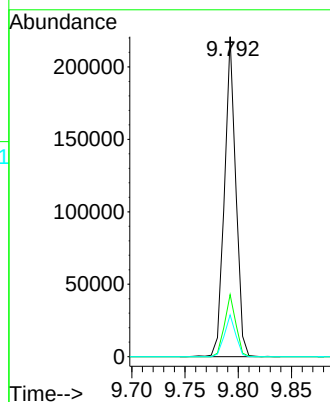
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 19.4  | 16.2  | 24.4  |
| 153 | 13.0  | 10.7  | 16.1  |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/22/2022

Supervised By :Jagrut Upadhyay 07/22/2022



#50

Dimethylphthalate

Concen: 4.535 ng

RT: 9.645 min Scan# 1251

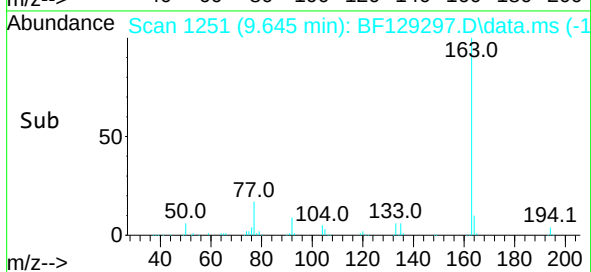
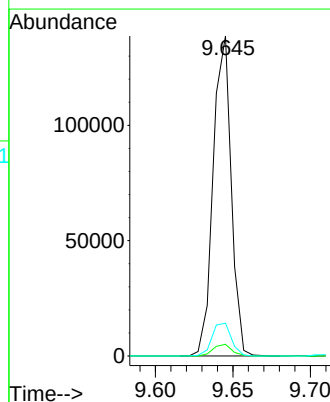
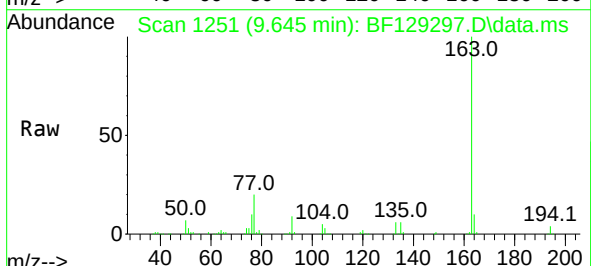
Delta R.T. -0.012 min

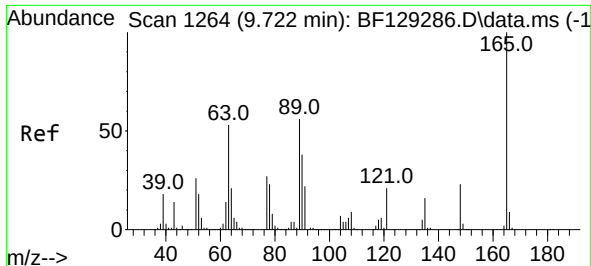
Lab File: BF129297.D

Acq: 21 Jul 2022 15:25

Tgt Ion:163 Resp: 112394

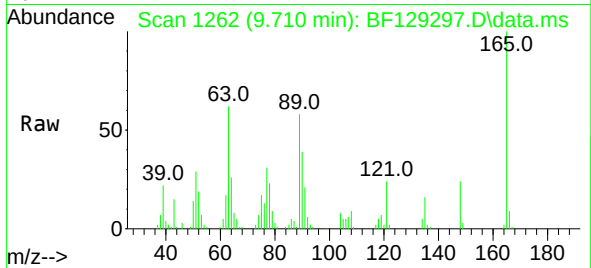
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 3.7   | 3.2   | 4.8   |
| 164 | 10.3  | 8.2   | 12.2  |





#51  
2,6-Dinitrotoluene  
Concen: 4.502 ng  
RT: 9.710 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25

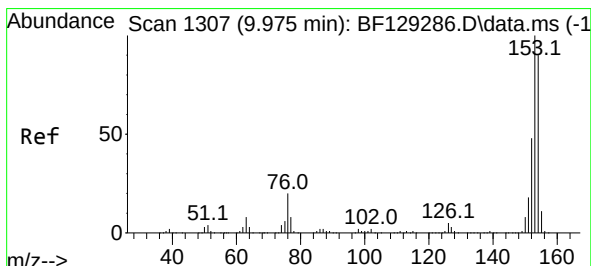
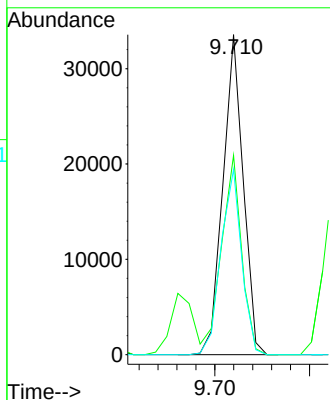
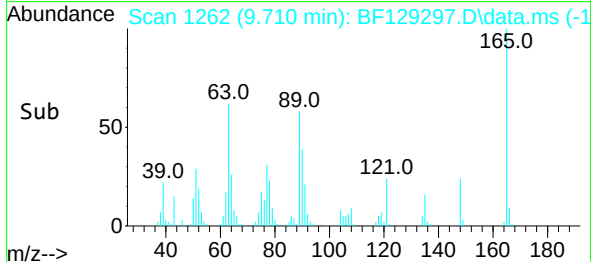
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-SOIL-02-QT2-2022



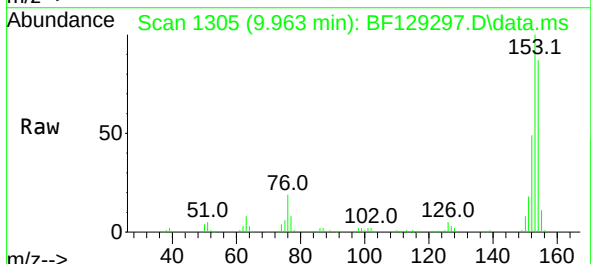
Tgt Ion:165 Resp: 24984  
Ion Ratio Lower Upper  
165 100  
63 62.3 44.9 67.3  
89 57.9 43.6 65.4

Manual Integrations  
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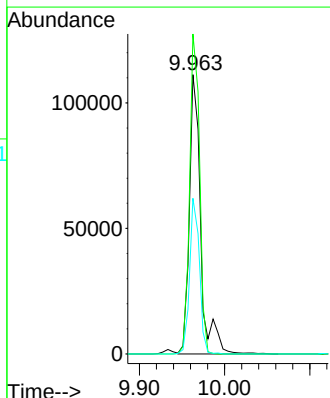
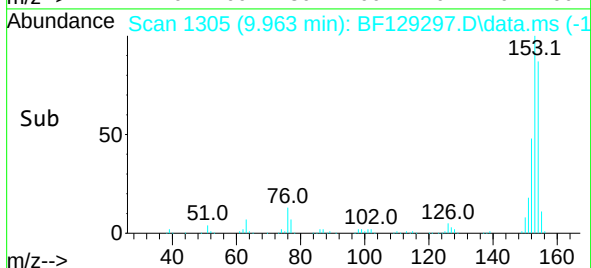
Reviewed By :Christian Giraldo 07/22/2022  
Supervised By :Jagrut Upadhyay 07/22/2022

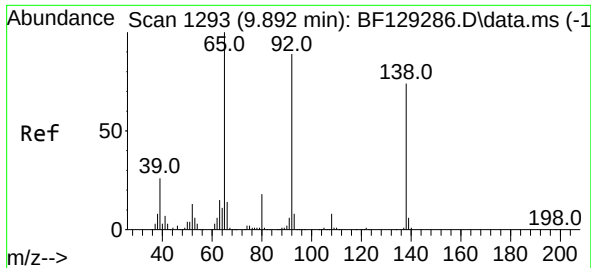


#52  
Acenaphthene  
Concen: 4.813 ng  
RT: 9.963 min Scan# 1305  
Delta R.T. -0.012 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25



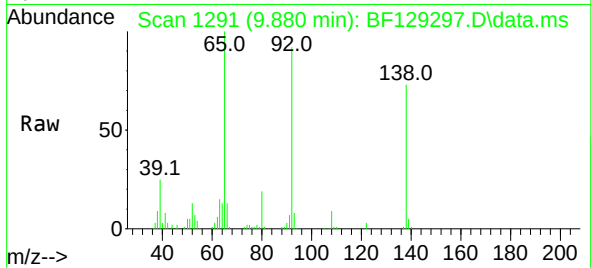
Tgt Ion:154 Resp: 102423  
Ion Ratio Lower Upper  
154 100  
153 114.5 89.6 134.4  
152 55.7 42.4 63.6





#53  
3-Nitroaniline  
Concen: 4.128 ng  
RT: 9.880 min Scan# 110  
Delta R.T. -0.012 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25

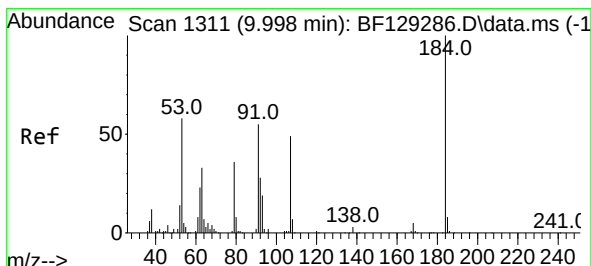
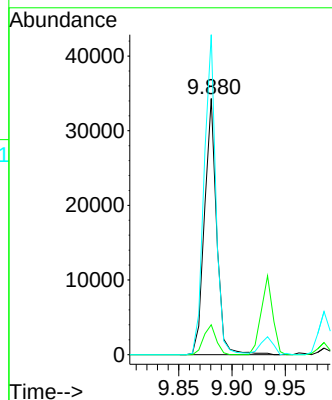
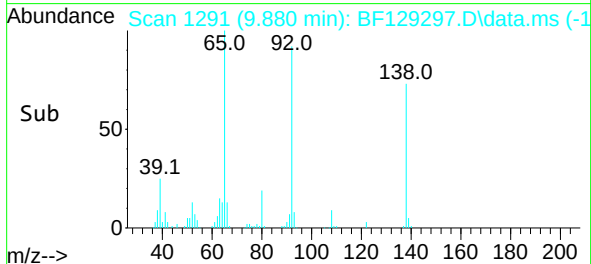
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-SOIL-02-QT2-2022



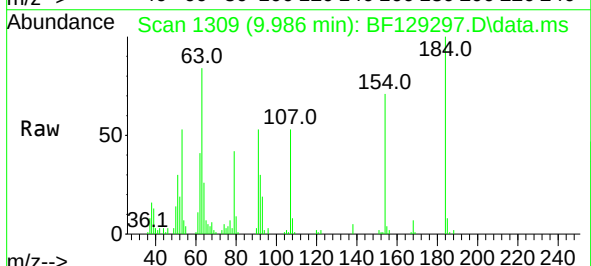
Tgt Ion:138 Resp: 2726  
Ion Ratio Lower Upper  
138 100  
108 11.7 10.9 16.3  
92 125.0 98.2 147.2

Manual Integrations  
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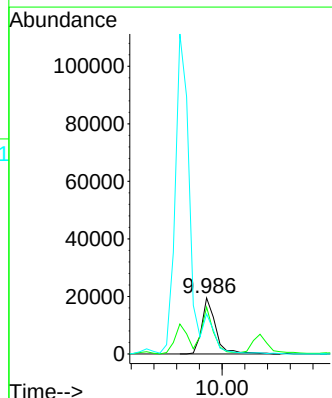
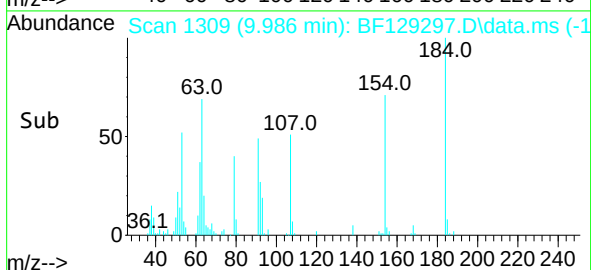
Reviewed By :Christian Giraldo 07/22/2022  
Supervised By :Jagrut Upadhyay 07/22/2022

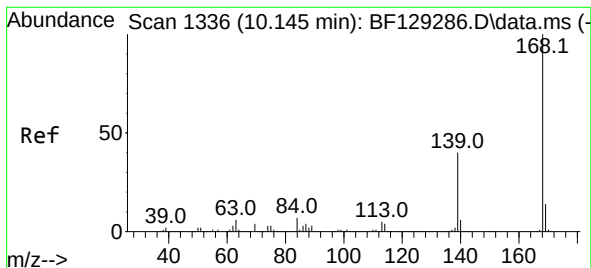


#54  
2,4-Dinitrophenol  
Concen: 5.858 ng  
RT: 9.986 min Scan# 1309  
Delta R.T. -0.012 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25



Tgt Ion:184 Resp: 16451  
Ion Ratio Lower Upper  
184 100  
63 83.6 64.5 96.7  
154 71.3 50.6 75.8





#55

Dibenzofuran

Concen: 4.839 ng

RT: 10.139 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF129297.D

Acq: 21 Jul 2022 15:25

Instrument :

BNA\_F

ClientSampleId :

LOQ-SOIL-02-QT2-2022

Tgt Ion:168 Resp: 143104

Ion Ratio Lower Upper

168 100

139 38.0 30.6 46.0

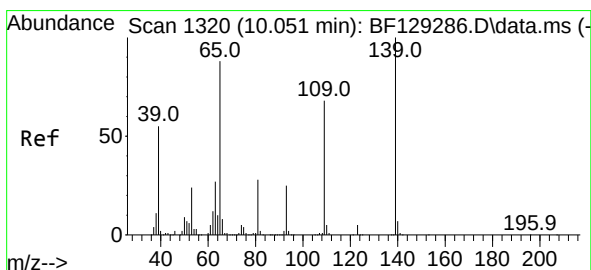
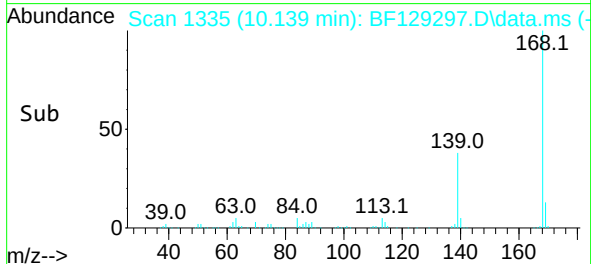
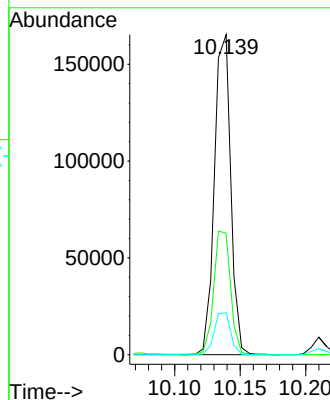
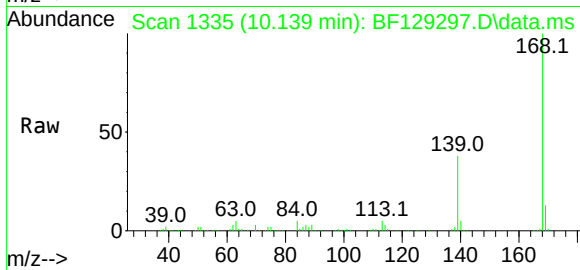
169 13.1 11.0 16.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/22/2022

Supervised By :Jagrut Upadhyay 07/22/2022



#56

4-Nitrophenol

Concen: 4.052 ng

RT: 10.033 min Scan# 1317

Delta R.T. -0.018 min

Lab File: BF129297.D

Acq: 21 Jul 2022 15:25

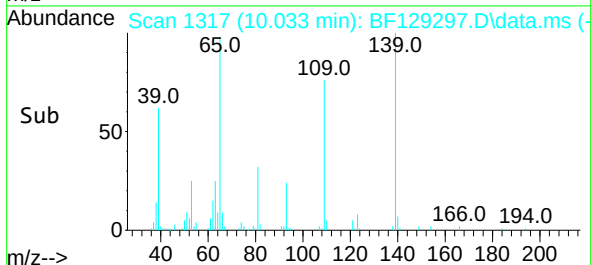
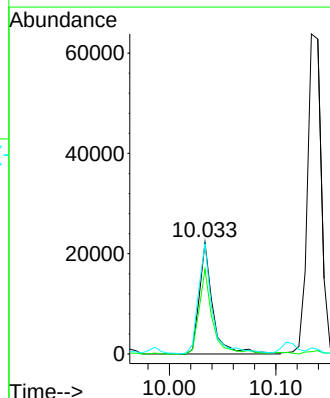
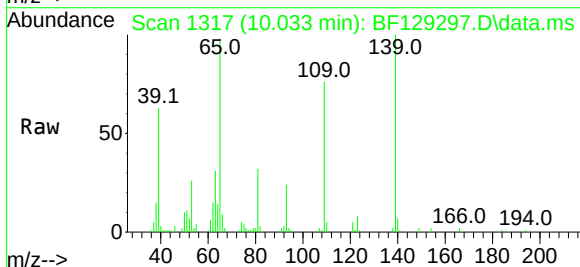
Tgt Ion:139 Resp: 19542

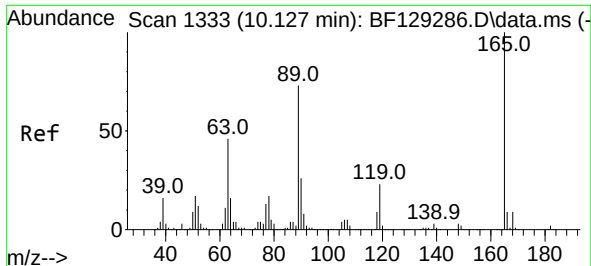
Ion Ratio Lower Upper

139 100

109 75.9 50.7 90.7

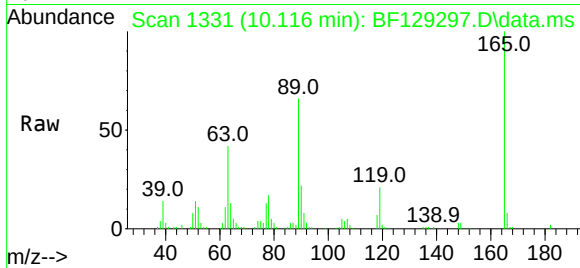
65 98.4 74.5 114.5





#57  
2,4-Dinitrotoluene  
Concen: 4.475 ng  
RT: 10.116 min Scan# 1331  
Delta R.T. -0.012 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25

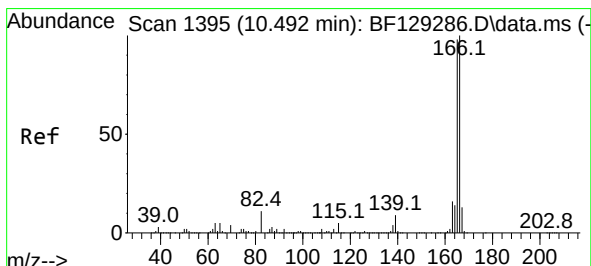
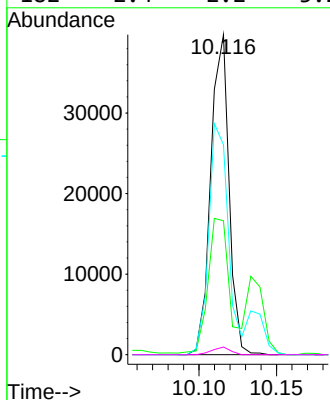
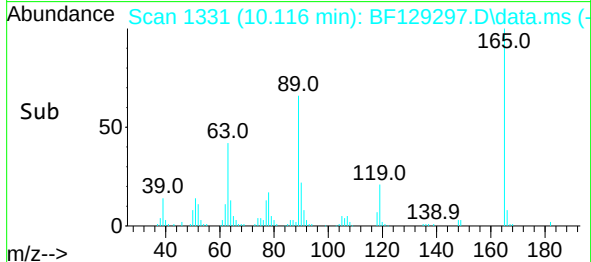
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-SOIL-02-QT2-2022



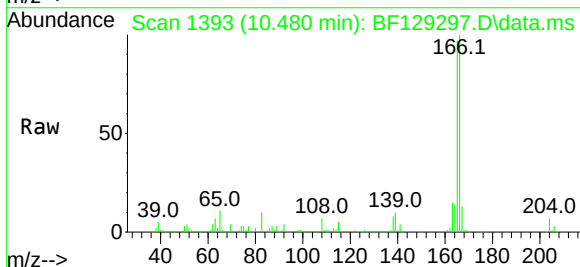
Tgt Ion:165 Resp: 3256  
Ion Ratio Lower Upper  
165 100  
63 41.8 39.8 59.6  
89 65.6 60.2 90.2  
182 2.4 2.2 3.2

Manual Integrations  
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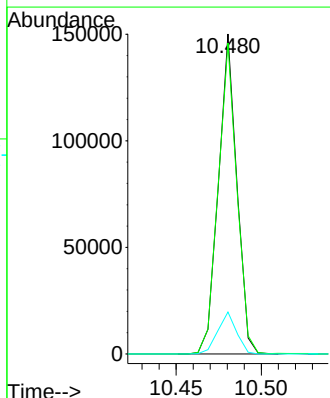
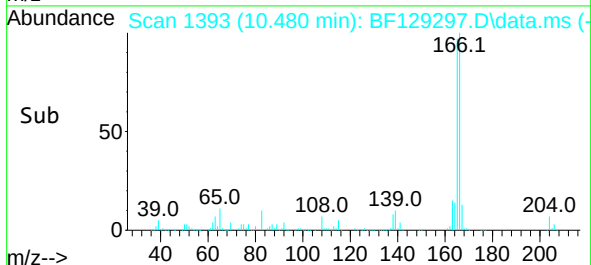
Reviewed By :Christian Giraldo 07/22/2022  
Supervised By :Jagrut Upadhyay 07/22/2022



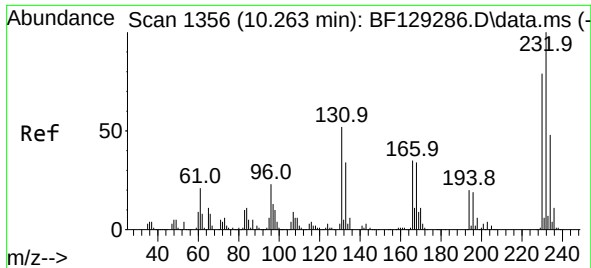
#58  
Fluorene  
Concen: 4.778 ng  
RT: 10.480 min Scan# 1393  
Delta R.T. -0.012 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25



Tgt Ion:166 Resp: 112774  
Ion Ratio Lower Upper  
166 100  
165 97.1 78.1 117.1  
167 13.1 10.5 15.7

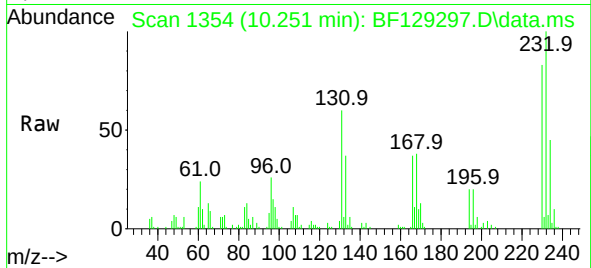






#59  
2,3,4,6-Tetrachlorophenol  
Concen: 4.206 ng  
RT: 10.251 min Scan# 1354  
Delta R.T. -0.012 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25

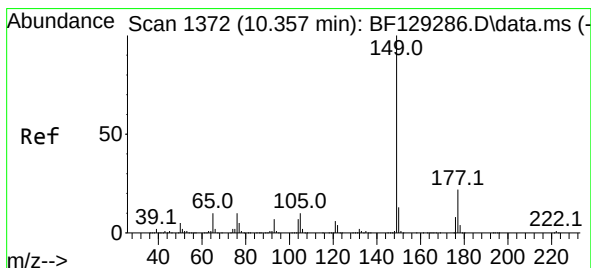
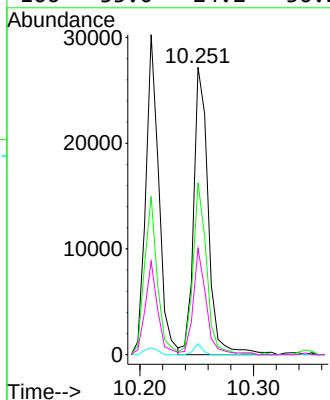
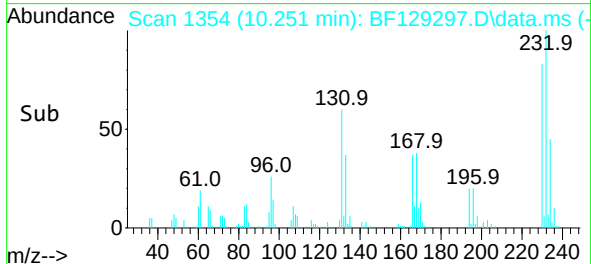
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-SOIL-02-QT2-2022



Tgt Ion:232 Resp: 2434  
Ion Ratio Lower Upper  
232 100  
131 53.8 36.1 54.1  
130 2.3 1.8 2.8  
166 33.0 24.2 36.2

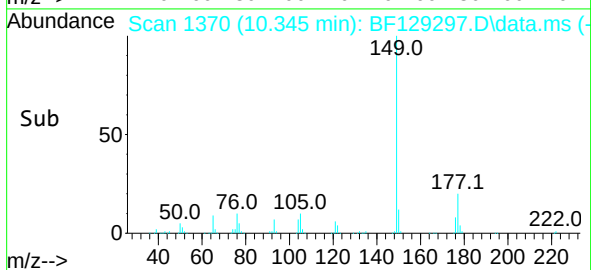
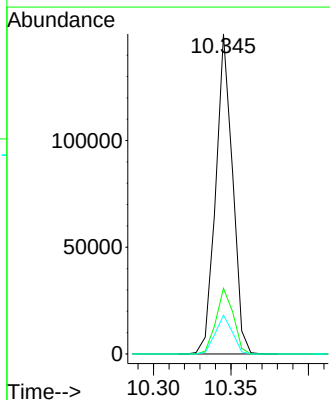
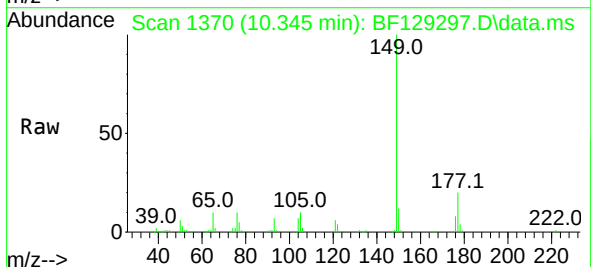
Manual Integrations  
APPROVED

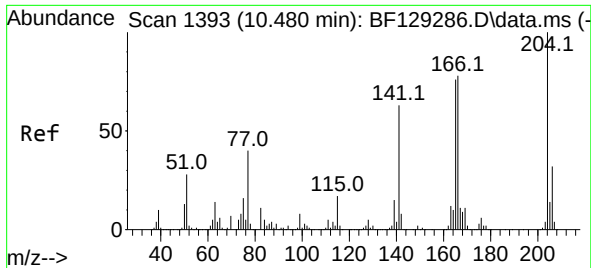
Reviewed By :Christian Giraldo 07/22/2022  
Supervised By :Jagrut Upadhyay 07/22/2022



#60  
Diethylphthalate  
Concen: 4.737 ng  
RT: 10.345 min Scan# 1370  
Delta R.T. -0.012 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25

Tgt Ion:149 Resp: 112972  
Ion Ratio Lower Upper  
149 100  
177 20.5 17.3 25.9  
150 12.1 10.2 15.2





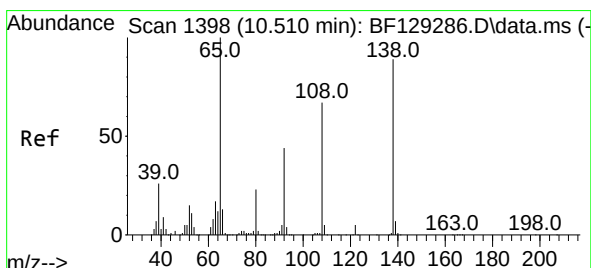
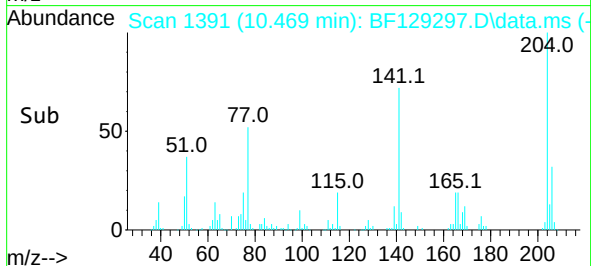
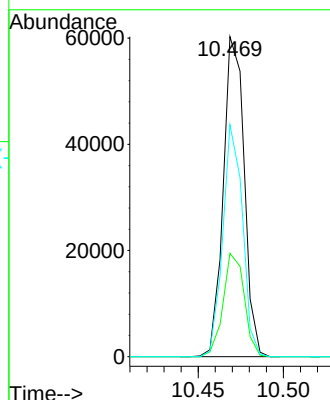
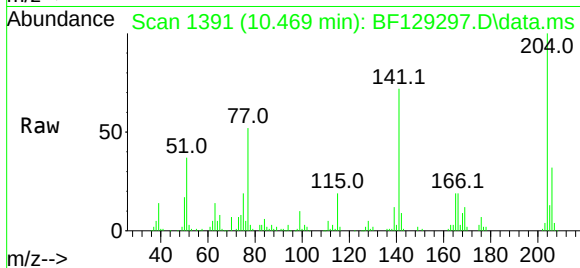
#61  
4-Chlorophenyl-phenylether  
Concen: 4.975 ng  
RT: 10.469 min Scan# 1391  
Delta R.T. -0.012 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25

Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-SOIL-02-QT2-2022

Tgt Ion:204 Resp: 5137  
Ion Ratio Lower Upper  
204 100  
206 32.3 25.8 38.6  
141 72.5 47.0 70.4

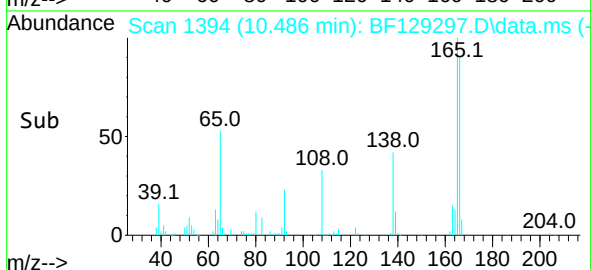
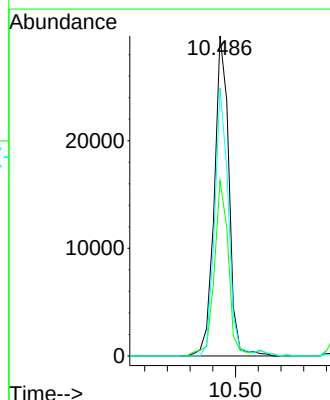
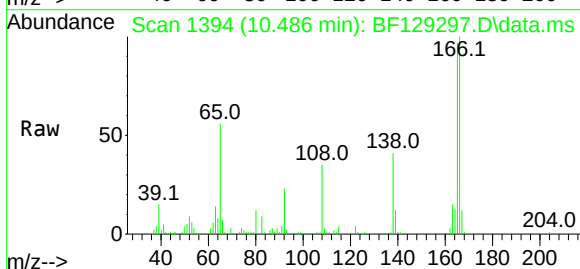
Manual Integrations  
APPROVED

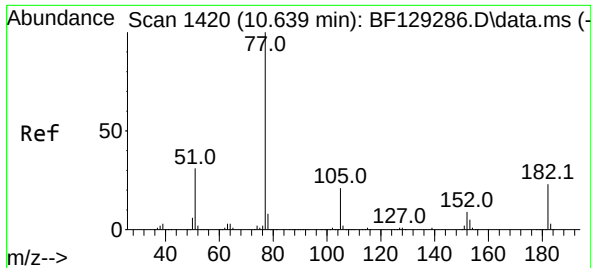
Reviewed By :Christian Giraldo 07/22/2022  
Supervised By :Jagrut Upadhyay 07/22/2022



#62  
4-Nitroaniline  
Concen: 4.080 ng  
RT: 10.486 min Scan# 1394  
Delta R.T. -0.023 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25

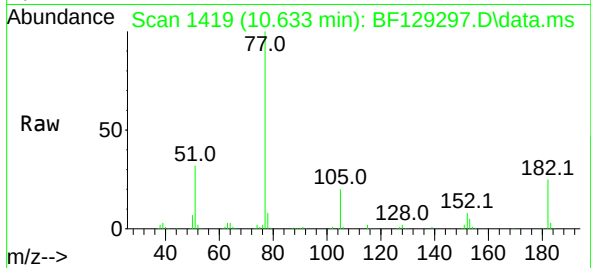
Tgt Ion:138 Resp: 26613  
Ion Ratio Lower Upper  
138 100  
92 54.8 33.5 73.5  
108 83.7 61.0 101.0





#63  
Azobenzene  
Concen: 4.530 ng  
RT: 10.633 min Scan# 1419  
Delta R.T. -0.006 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25

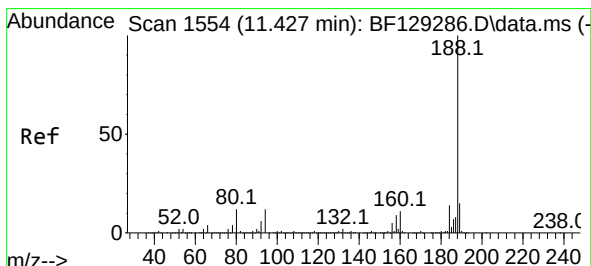
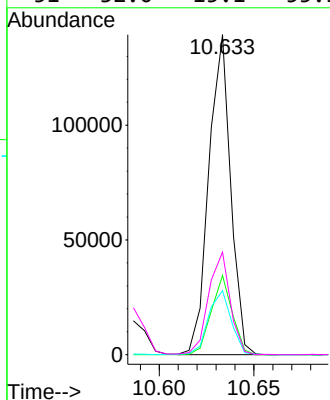
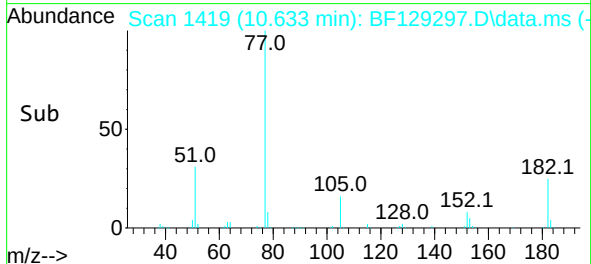
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-SOIL-02-QT2-2022



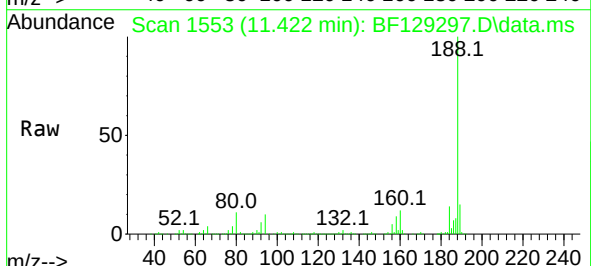
Tgt Ion: 77 Resp: 11177  
Ion Ratio Lower Upper  
77 100  
182 24.8 5.6 45.6  
105 20.0 1.6 41.6  
51 32.0 15.1 55.1

Manual Integrations  
APPROVED

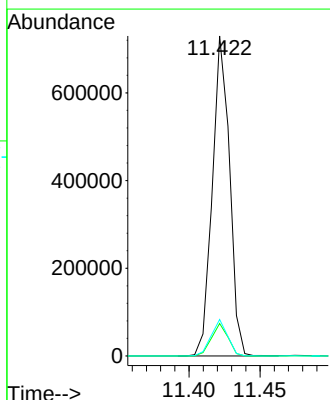
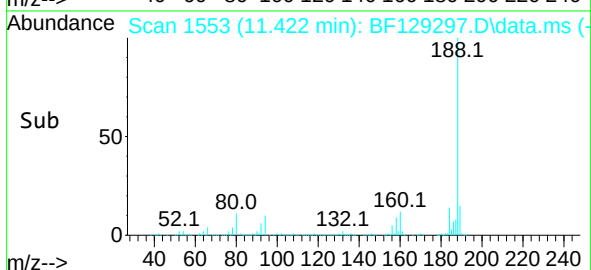
Reviewed By :Christian Giraldo 07/22/2022  
Supervised By :Jagrut Upadhyay 07/22/2022

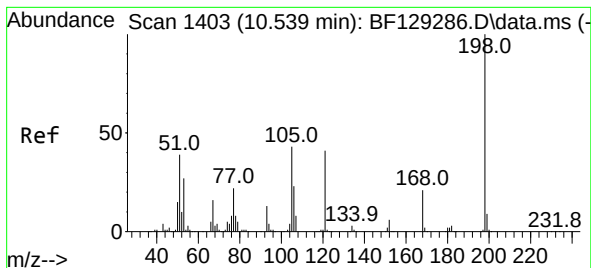


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.422 min Scan# 1553  
Delta R.T. -0.006 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25



Tgt Ion:188 Resp: 616460  
Ion Ratio Lower Upper  
188 100  
94 10.2 7.0 10.6  
80 11.4 7.6 11.4





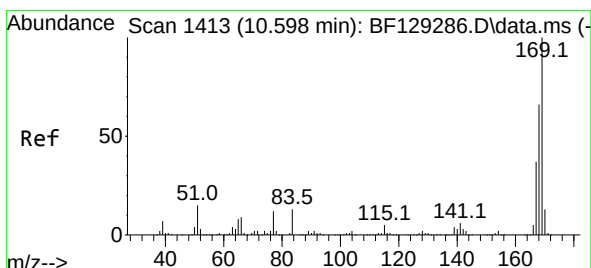
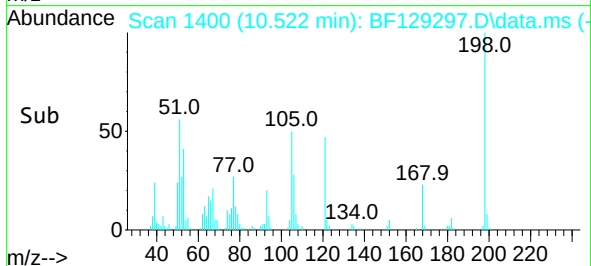
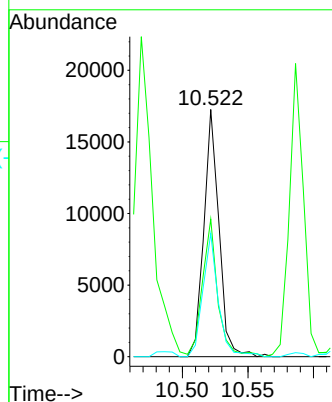
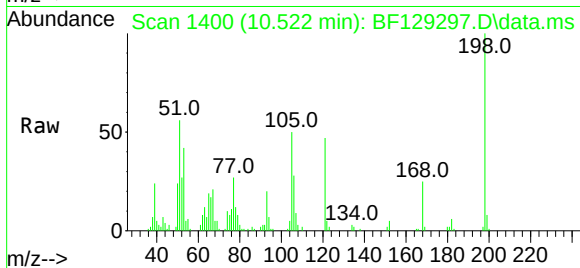
#65  
4,6-Dinitro-2-methylphenol  
Concen: 3.669 ng  
RT: 10.522 min Scan# 1403  
Delta R.T. -0.018 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25

Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-SOIL-02-QT2-2022

Tgt Ion:198 Resp: 1391  
Ion Ratio Lower Upper  
198 100  
51 55.7 37.6 77.6  
105 49.9 27.0 67.0

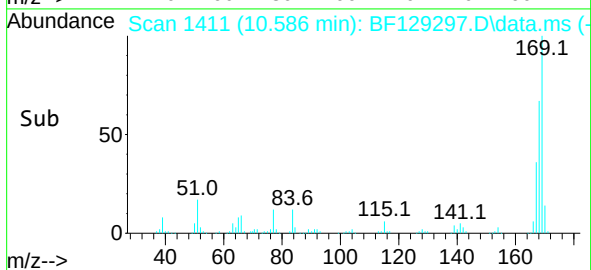
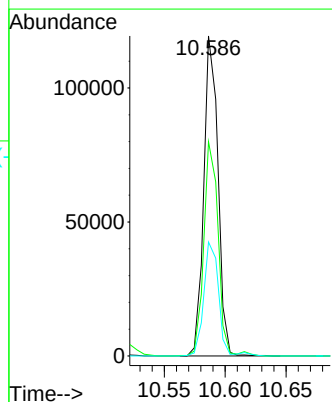
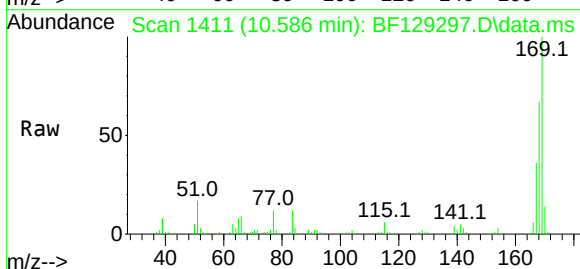
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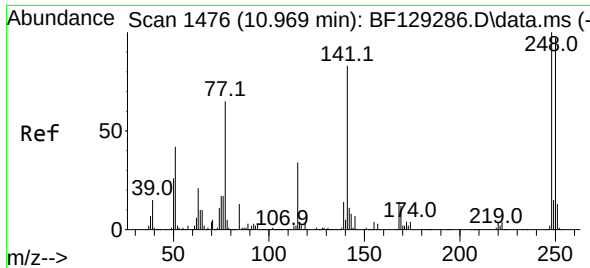
Reviewed By :Christian Giraldo 07/22/2022  
Supervised By :Jagrut Upadhyay 07/22/2022



#66  
n-Nitrosodiphenylamine  
Concen: 4.730 ng  
RT: 10.586 min Scan# 1411  
Delta R.T. -0.012 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25

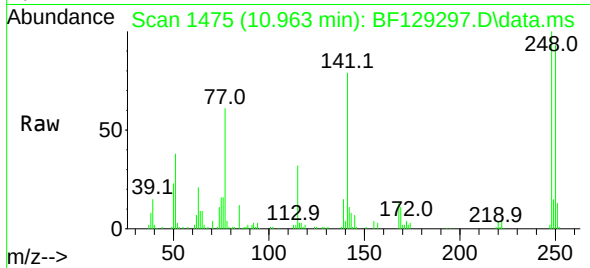
Tgt Ion:169 Resp: 96397  
Ion Ratio Lower Upper  
169 100  
168 67.0 50.1 75.1  
167 35.6 27.9 41.9





#67  
4-Bromophenyl-phenylether  
Concen: 4.561 ng  
RT: 10.963 min Scan# 1475  
Delta R.T. -0.006 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25

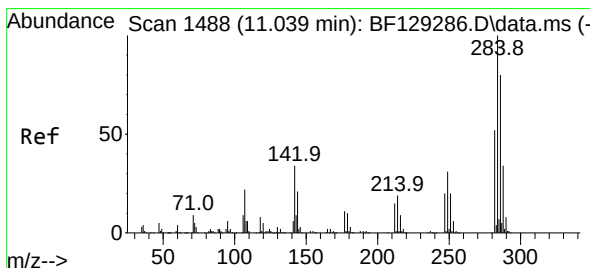
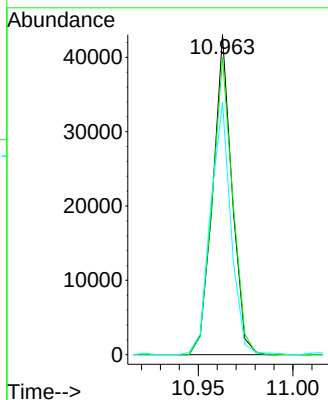
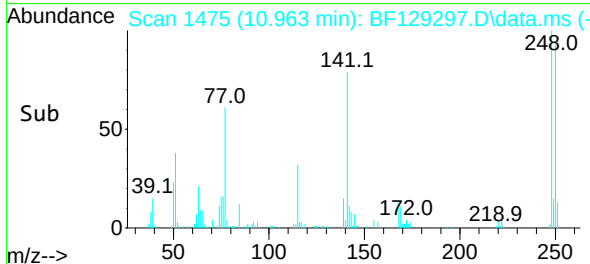
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-SOIL-02-QT2-2022



Tgt Ion:248 Resp: 30339  
Ion Ratio Lower Upper  
248 100  
250 92.9 80.6 120.8  
141 78.9 58.9 88.3

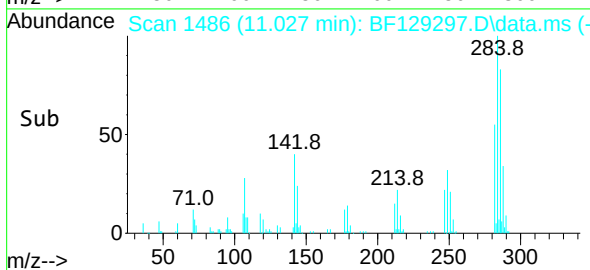
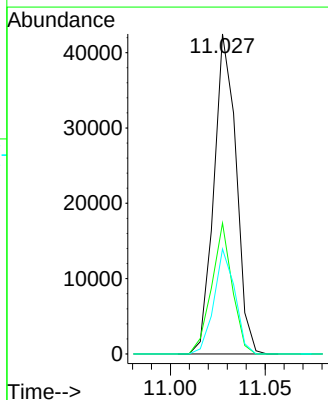
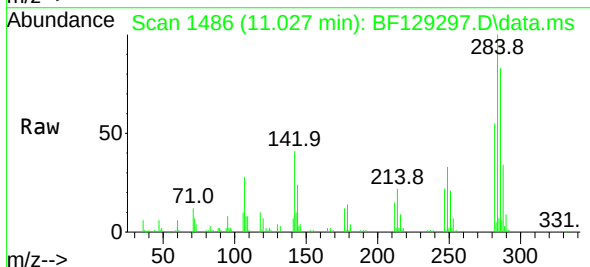
Manual Integrations  
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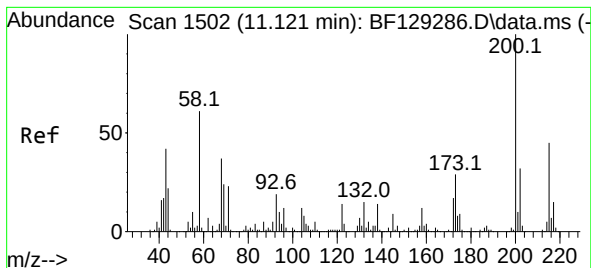
Reviewed By :Christian Giraldo 07/22/2022  
Supervised By :Jagrut Upadhyay 07/22/2022



#68  
Hexachlorobenzene  
Concen: 4.763 ng  
RT: 11.027 min Scan# 1486  
Delta R.T. -0.012 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25

Tgt Ion:284 Resp: 34700  
Ion Ratio Lower Upper  
284 100  
142 40.9 29.0 43.4  
249 32.8 25.0 37.6





#69

Atrazine

Concen: 4.862 ng

RT: 11.110 min Scan# 1510

Delta R.T. -0.012 min

Lab File: BF129297.D

Acq: 21 Jul 2022 15:25

Instrument :

BNA\_F

ClientSampleId :

LOQ-SOIL-02-QT2-2022

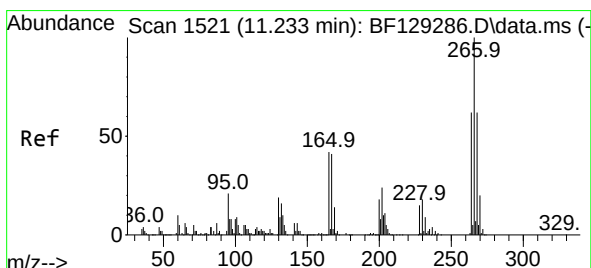
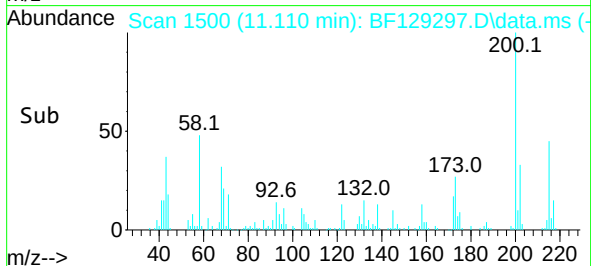
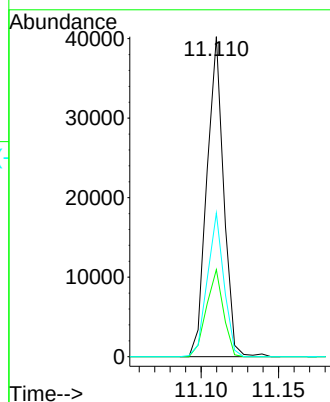
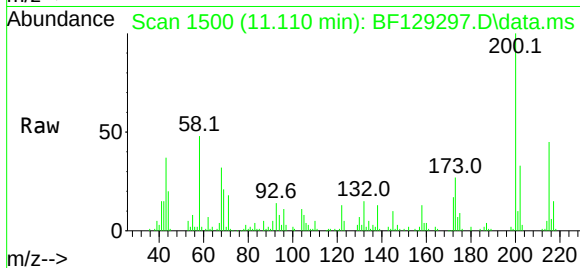
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 200   | Resp: | 3028 |
| Ion Ratio | Lower | Upper |      |
| 200       | 100   |       |      |
| 173       | 27.2  | 6.3   | 46.3 |
| 215       | 44.9  | 28.3  | 68.3 |

Manual Integrations

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Reviewed By :Christian Giraldo 07/22/2022

Supervised By :Jagrut Upadhyay 07/22/2022



#70

Pentachlorophenol

Concen: 3.574 ng

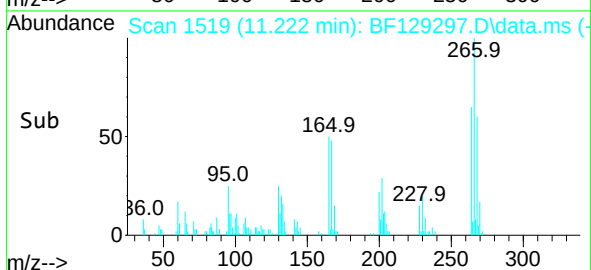
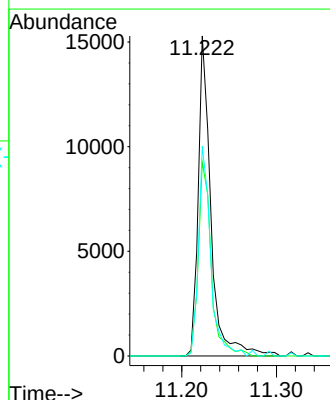
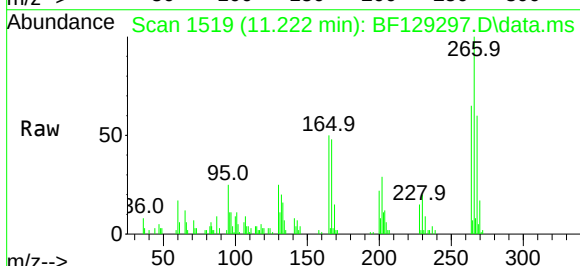
RT: 11.222 min Scan# 1519

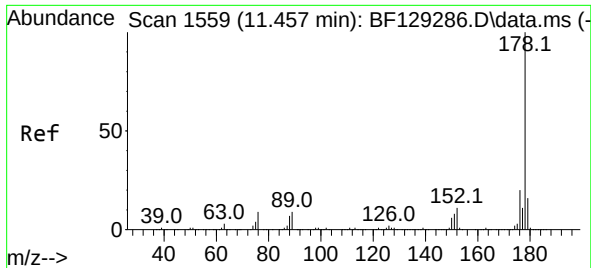
Delta R.T. -0.012 min

Lab File: BF129297.D

Acq: 21 Jul 2022 15:25

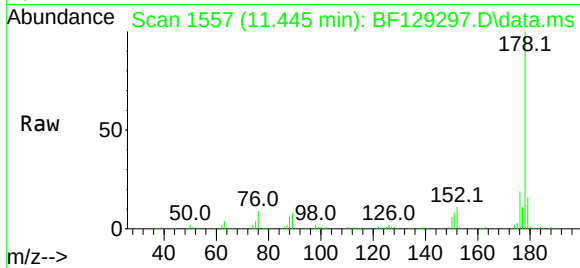
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 266   | Resp: | 14314 |
| Ion Ratio | Lower | Upper |       |
| 266       | 100   |       |       |
| 268       | 60.5  | 51.0  | 76.4  |
| 264       | 65.5  | 49.4  | 74.2  |





#71  
Phenanthrene  
Concen: 4.891 ng  
RT: 11.445 min Scan# 1557  
Delta R.T. -0.012 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25

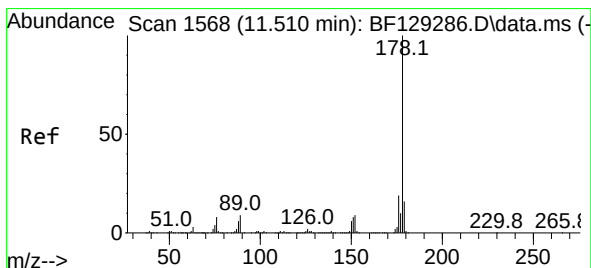
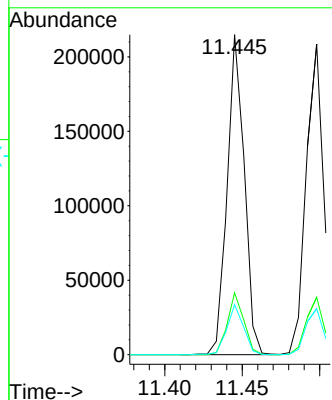
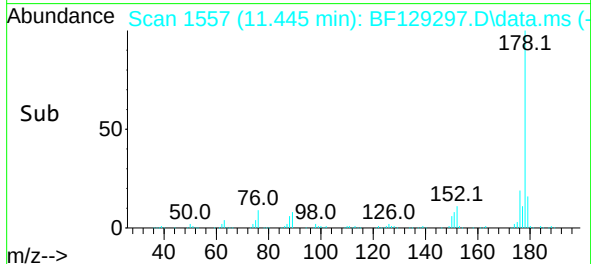
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-SOIL-02-QT2-2022



Tgt Ion:178 Resp: 165488  
Ion Ratio Lower Upper  
178 100  
176 19.3 16.0 24.0  
179 15.7 12.6 19.0

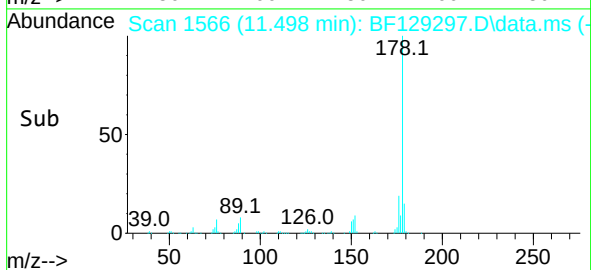
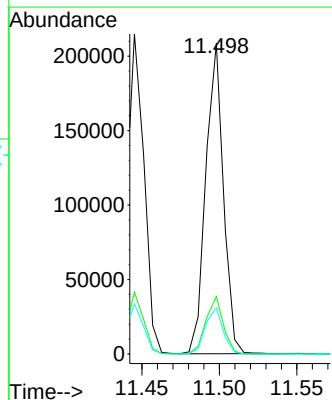
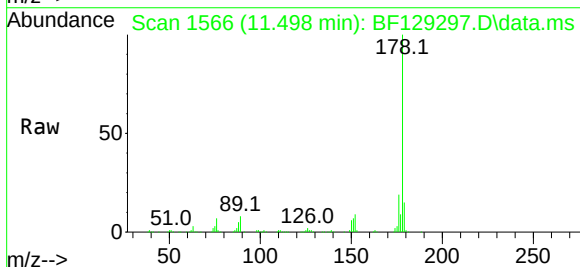
Manual Integrations  
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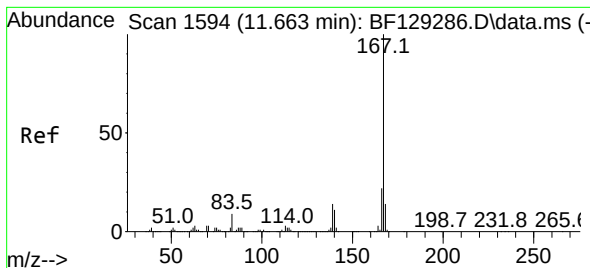
Reviewed By :Christian Giraldo 07/22/2022  
Supervised By :Jagrut Upadhyay 07/22/2022



#72  
Anthracene  
Concen: 4.926 ng  
RT: 11.498 min Scan# 1566  
Delta R.T. -0.012 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25

Tgt Ion:178 Resp: 165142  
Ion Ratio Lower Upper  
178 100  
176 18.5 15.4 23.2  
179 14.9 12.6 19.0





#73

Carbazole

Concen: 4.880 ng

RT: 11.651 min Scan# 1592

Delta R.T. -0.012 min

Lab File: BF129297.D

Acq: 21 Jul 2022 15:25

Instrument :

BNA\_F

ClientSampleId :

LOQ-SOIL-02-QT2-2022

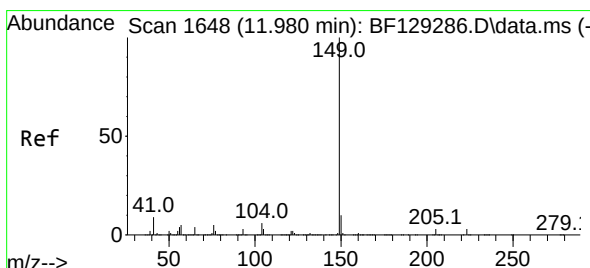
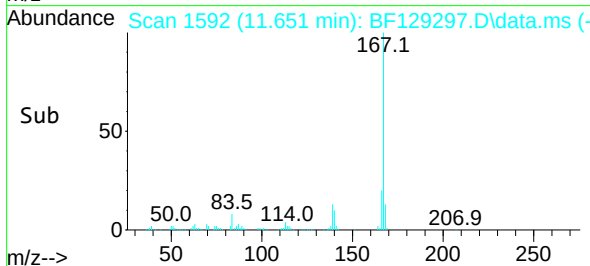
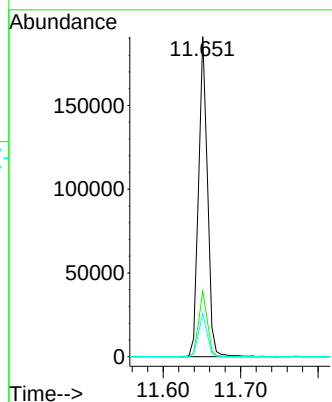
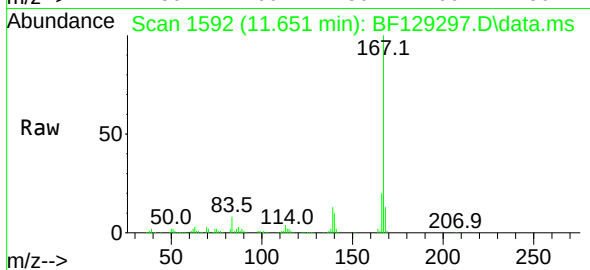
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 167   | Resp: | 15262 |
| Ion      | Ratio | Lower | Upper |
| 167      | 100   |       |       |
| 166      | 20.5  | 17.7  | 26.5  |
| 139      | 13.4  | 11.2  | 16.8  |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/22/2022

Supervised By :Jagrut Upadhyay 07/22/2022



#74

Di-n-butylphthalate

Concen: 4.747 ng

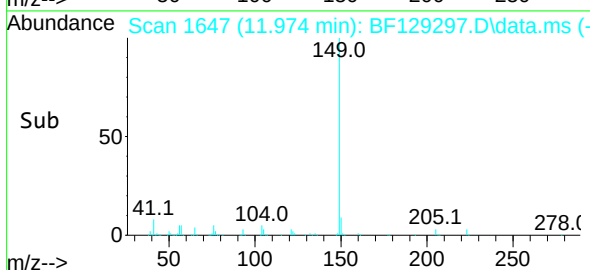
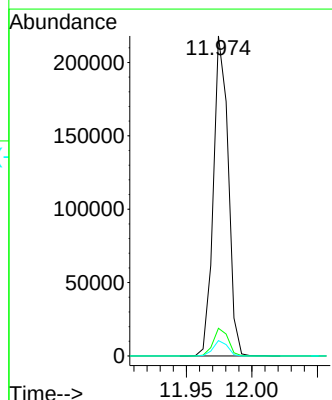
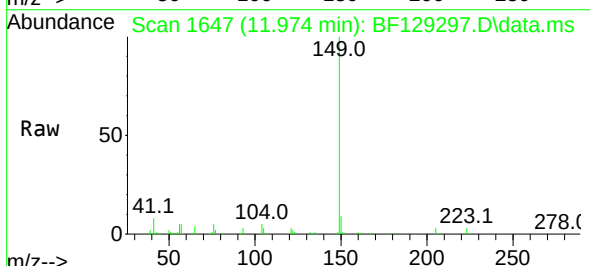
RT: 11.974 min Scan# 1647

Delta R.T. -0.006 min

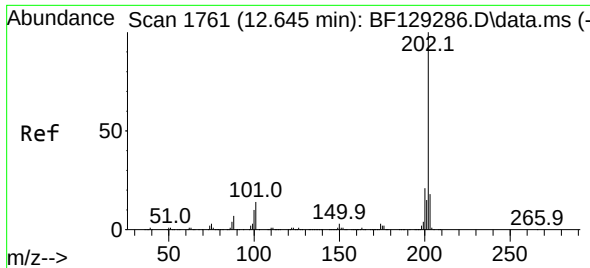
Lab File: BF129297.D

Acq: 21 Jul 2022 15:25

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 171521 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 150      | 8.7   | 7.5   | 11.3   |
| 104      | 4.8   | 4.4   | 6.6    |

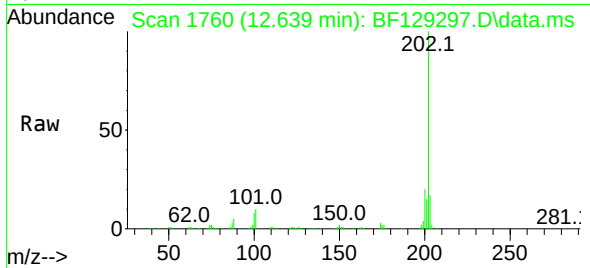






#75  
Fluoranthene  
Concen: 4.802 ng  
RT: 12.639 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25

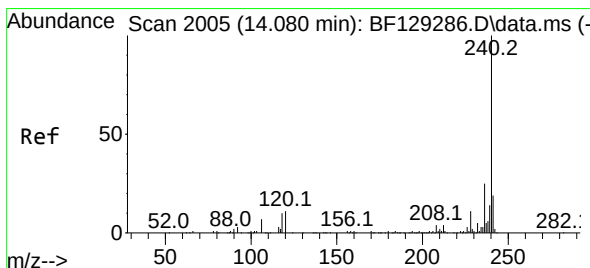
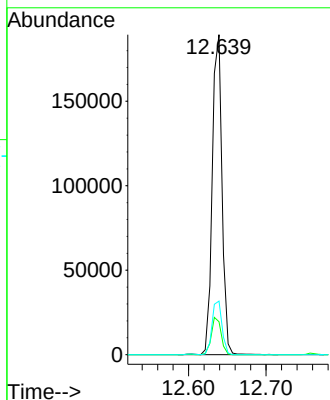
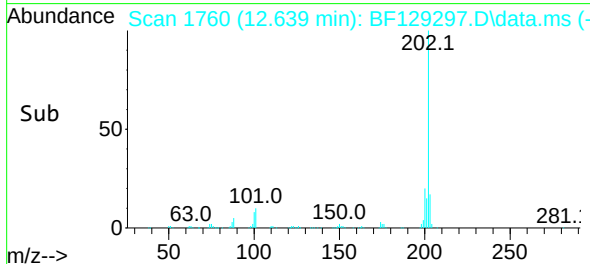
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-SOIL-02-QT2-2022



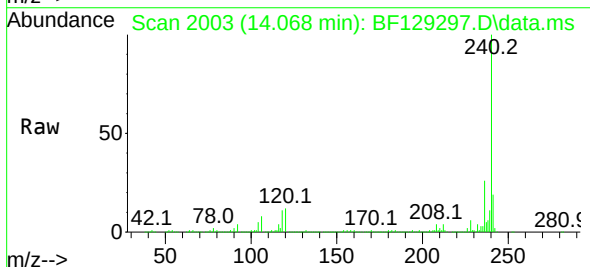
Tgt Ion:202 Resp: 16558  
Ion Ratio Lower Upper  
202 100  
101 10.3 0.0 31.4  
203 16.7 0.0 38.0

Manual Integrations  
APPROVED

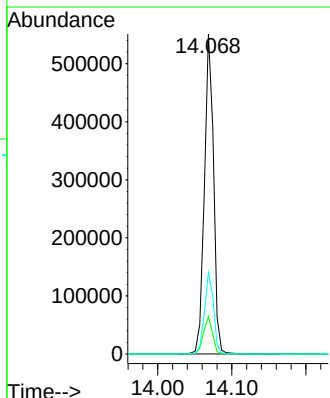
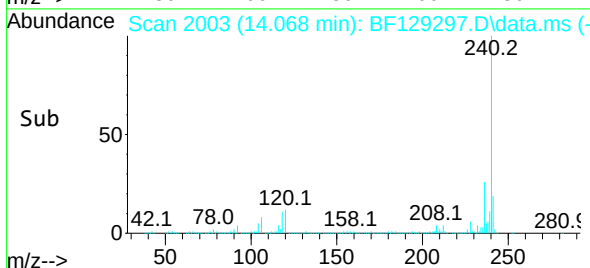
Reviewed By :Christian Giraldo 07/22/2022  
Supervised By :Jagrut Upadhyay 07/22/2022

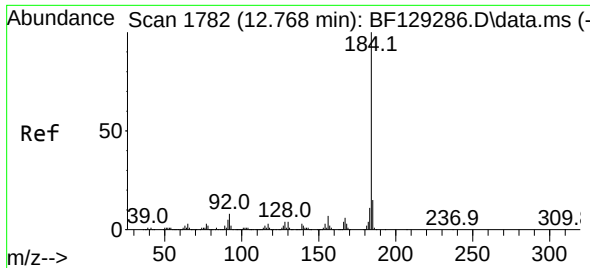


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.068 min Scan# 2003  
Delta R.T. -0.012 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25



Tgt Ion:240 Resp: 475722  
Ion Ratio Lower Upper  
240 100  
120 11.7 8.9 13.3  
236 25.5 20.8 31.2





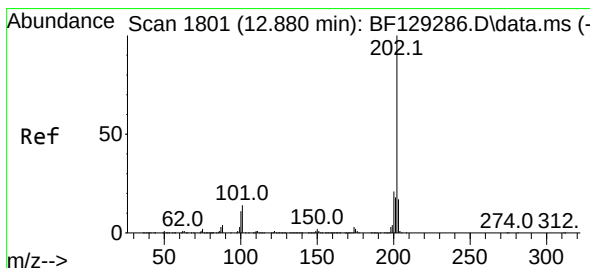
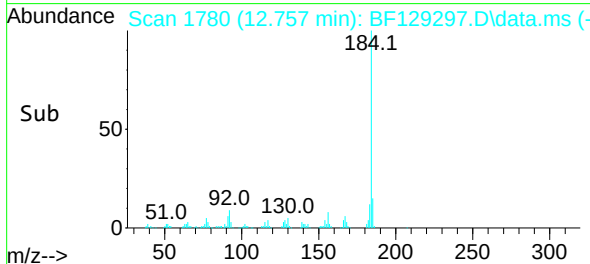
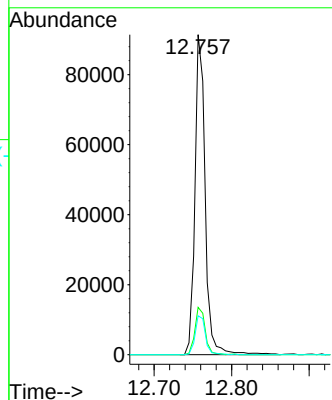
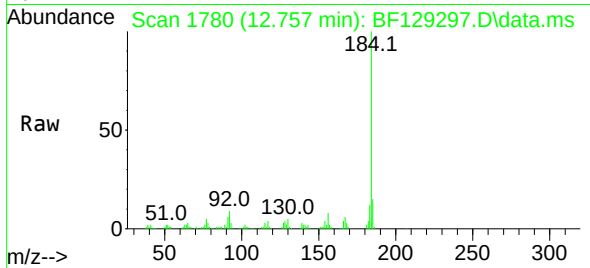
#77  
Benzidine  
Concen: 4.427 ng  
RT: 12.757 min Scan# 1798  
Delta R.T. -0.012 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25

Instrument : BNA\_F  
ClientSampleId : LOQ-SOIL-02-QT2-2022

Tgt Ion:184 Resp: 83920  
Ion Ratio Lower Upper  
184 100  
185 14.8 11.9 17.9  
183 12.1 9.3 13.9

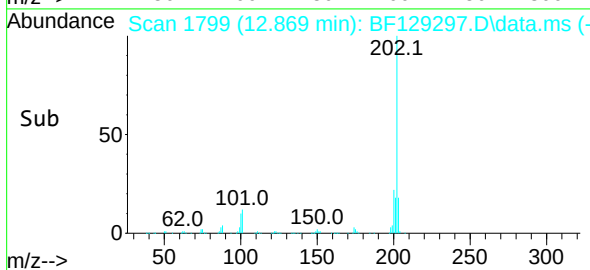
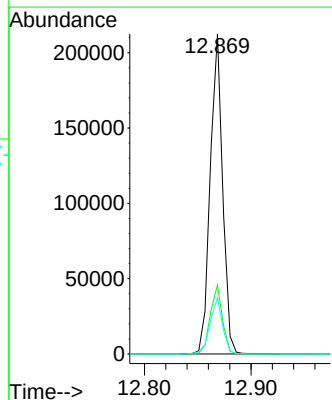
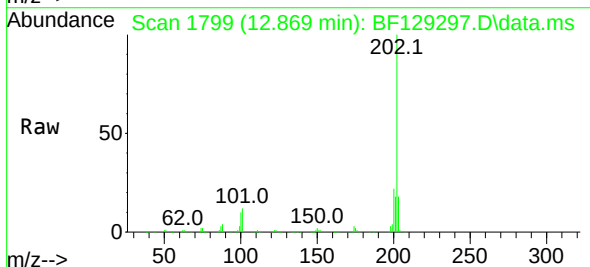
Manual Integrations  
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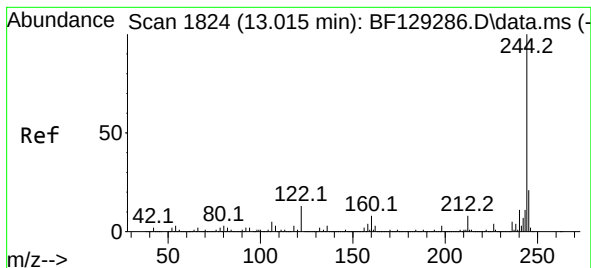
Reviewed By :Christian Giraldo 07/22/2022  
Supervised By :Jagrut Upadhyay 07/22/2022



#78  
Pyrene  
Concen: 4.229 ng  
RT: 12.869 min Scan# 1799  
Delta R.T. -0.012 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25

Tgt Ion:202 Resp: 172048  
Ion Ratio Lower Upper  
202 100  
200 21.6 17.7 26.5  
203 17.6 14.6 21.8





#79

Terphenyl-d14

Concen: 63.125 ng

RT: 13.016 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF129297.D

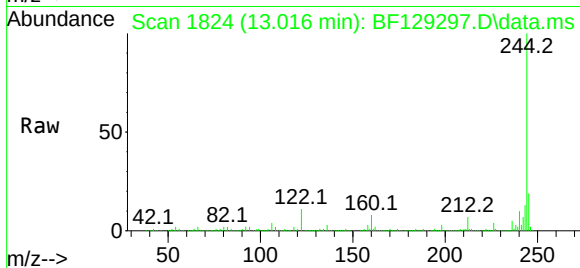
Acq: 21 Jul 2022 15:25

Instrument :

BNA\_F

ClientSampleId :

LOQ-SOIL-02-QT2-2022



Tgt Ion:244 Resp: 1612410

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

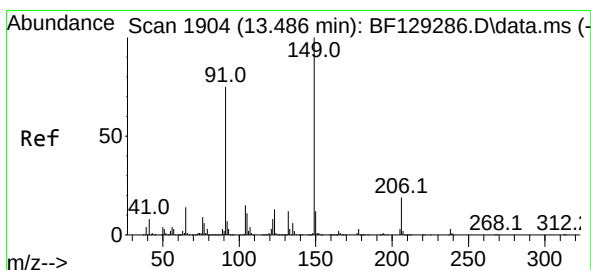
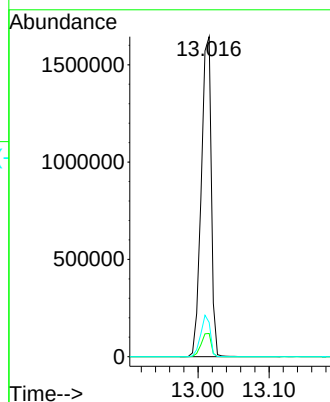
122 10.7 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/22/2022

Supervised By :Jagrut Upadhyay 07/22/2022



#80

Butylbenzylphthalate

Concen: 3.807 ng

RT: 13.480 min Scan# 1903

Delta R.T. -0.006 min

Lab File: BF129297.D

Acq: 21 Jul 2022 15:25

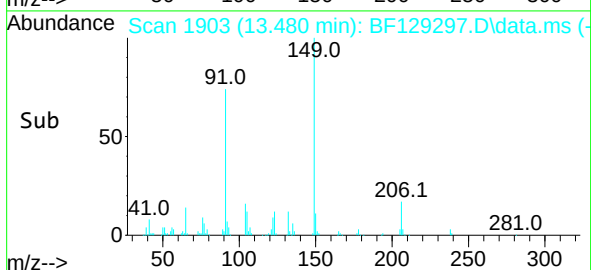
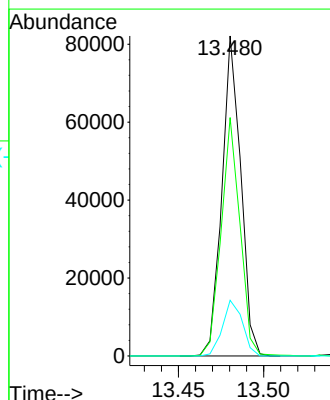
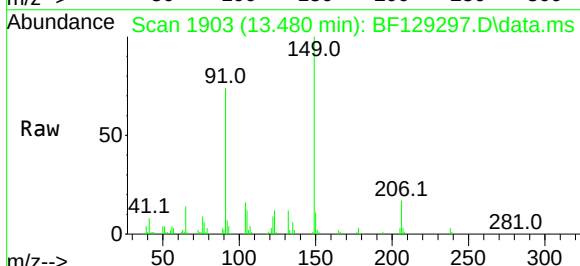
Tgt Ion:149 Resp: 63210

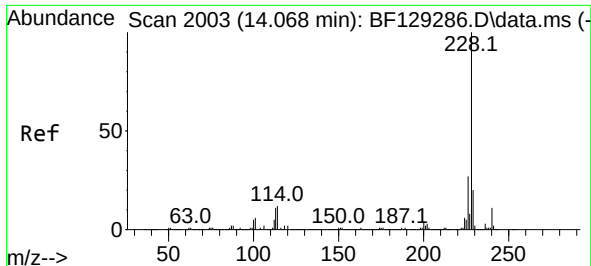
Ion Ratio Lower Upper

149 100

91 74.5 61.2 91.8

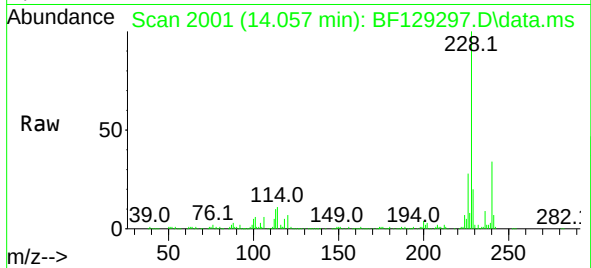
206 17.4 15.7 23.5





#81  
Benzo(a)anthracene  
Concen: 4.375 ng  
RT: 14.057 min Scan# 2003  
Delta R.T. -0.012 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25

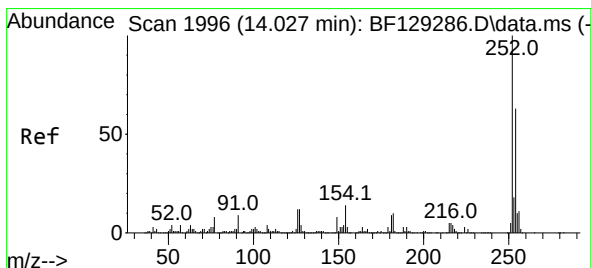
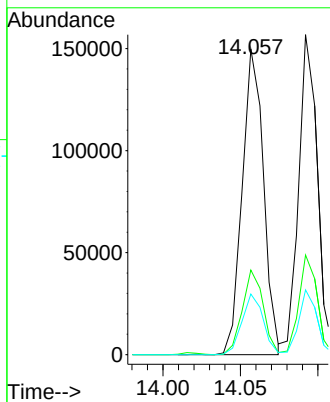
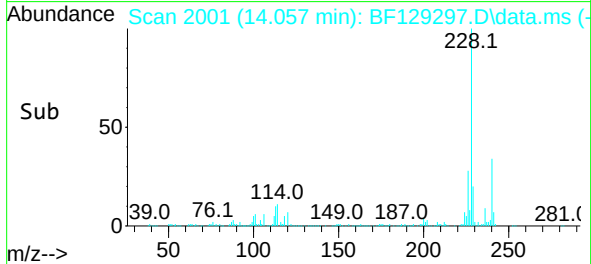
Instrument : BNA\_F  
ClientSampleId : LOQ-SOIL-02-QT2-2022



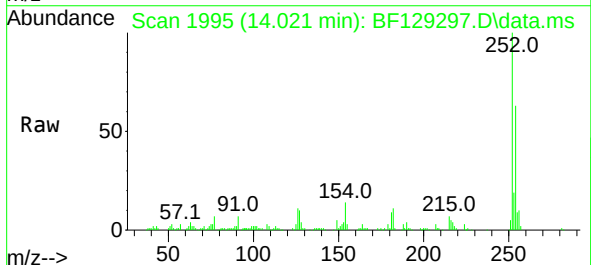
Tgt Ion:228 Resp: 14332  
Ion Ratio Lower Upper  
228 100  
226 27.7 22.1 33.1  
229 19.8 15.8 23.8

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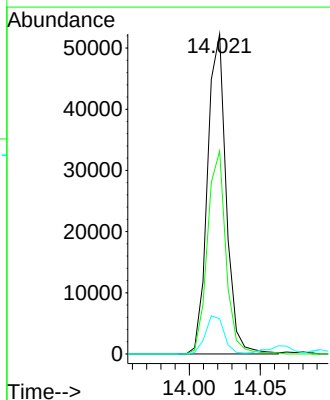
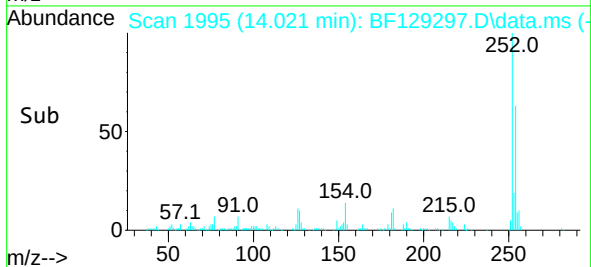
Reviewed By :Christian Giraldo 07/22/2022  
Supervised By :Jagrut Upadhyay 07/22/2022

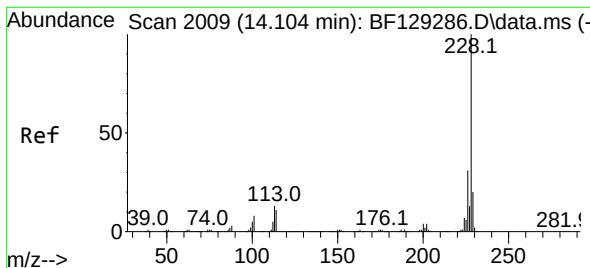


#82  
3,3'-Dichlorobenzidine  
Concen: 4.440 ng  
RT: 14.021 min Scan# 1995  
Delta R.T. -0.006 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25



Tgt Ion:252 Resp: 47746  
Ion Ratio Lower Upper  
252 100  
254 63.5 50.2 75.4  
126 11.0 8.2 12.4





#83

Chrysene

Concen: 4.282 ng

RT: 14.092 min Scan# 2009

Delta R.T. -0.012 min

Lab File: BF129297.D

Acq: 21 Jul 2022 15:25

Instrument :

BNA\_F

ClientSampleId :

LOQ-SOIL-02-QT2-2022

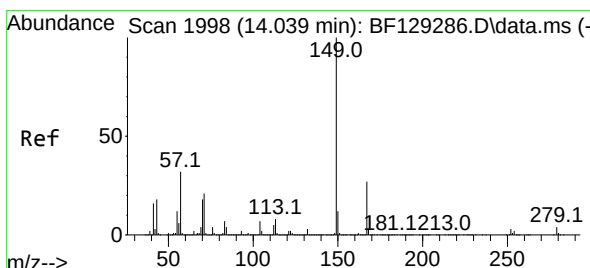
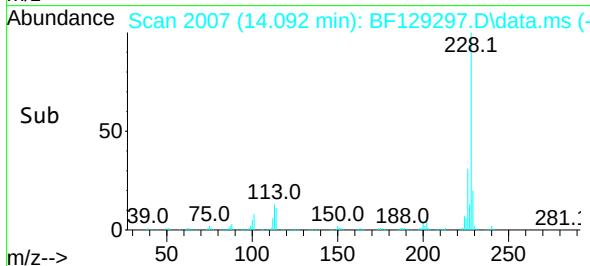
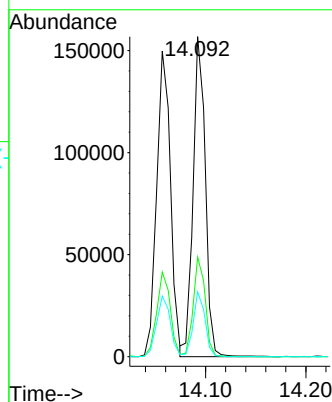
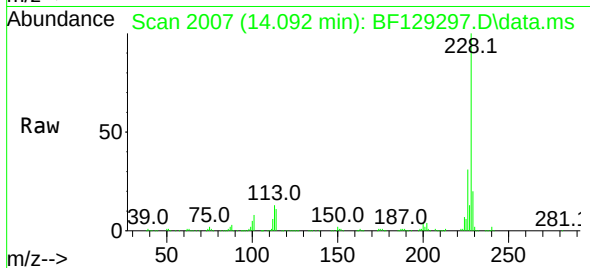
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 228   | Resp: | 13238 |
| Ion Ratio | Lower | Upper |       |
| 228       | 100   |       |       |
| 226       | 31.1  | 24.3  | 36.5  |
| 229       | 20.2  | 15.9  | 23.9  |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/22/2022

Supervised By :Jagrut Upadhyay 07/22/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.074 ng

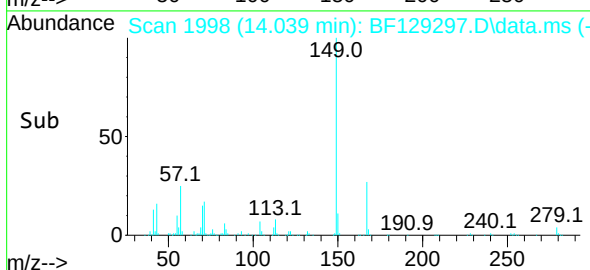
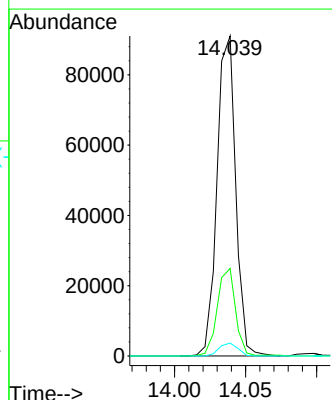
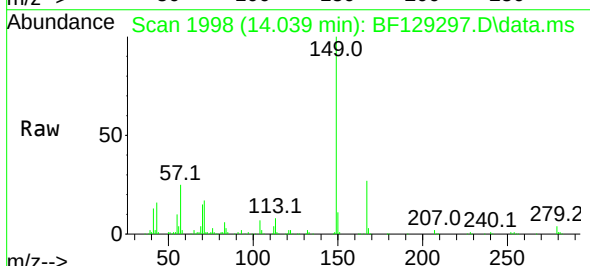
RT: 14.039 min Scan# 1998

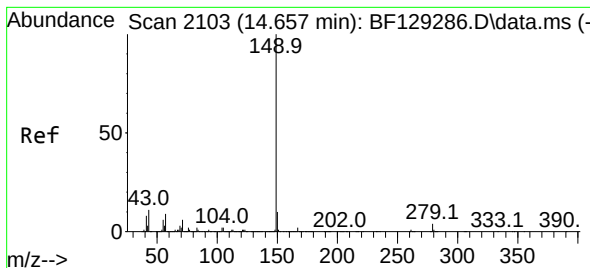
Delta R.T. 0.000 min

Lab File: BF129297.D

Acq: 21 Jul 2022 15:25

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 83070 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 167       | 27.3  | 21.0  | 31.4  |
| 279       | 4.0   | 3.1   | 4.7   |





#85

Di-n-octyl phthalate

Concen: 3.960 ng

RT: 14.651 min Scan# 2103

Delta R.T. -0.006 min

Lab File: BF129297.D

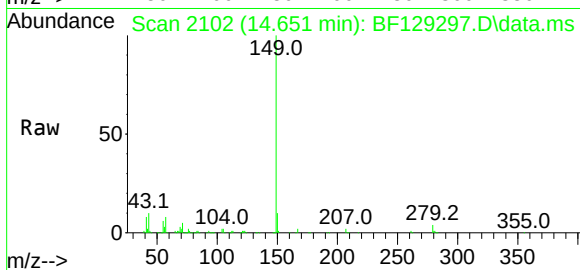
Acq: 21 Jul 2022 15:25

Instrument :

BNA\_F

ClientSampleId :

LOQ-SOIL-02-QT2-2022



Tgt Ion:149 Resp: 115540

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

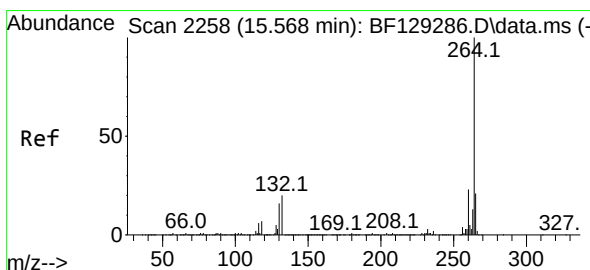
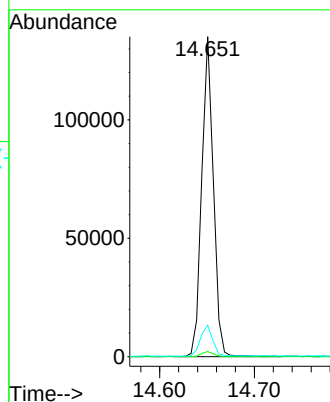
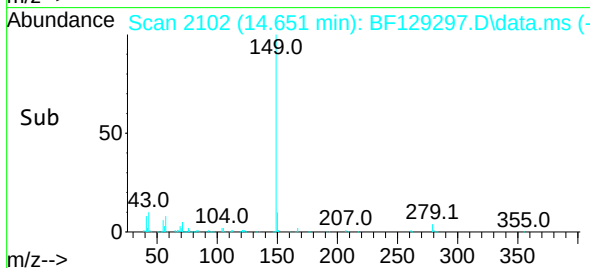
43 10.4 9.2 13.8

Manual Integrations

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Reviewed By :Christian Giraldo 07/22/2022

Supervised By :Jagrut Upadhyay 07/22/2022



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2257

Delta R.T. -0.006 min

Lab File: BF129297.D

Acq: 21 Jul 2022 15:25

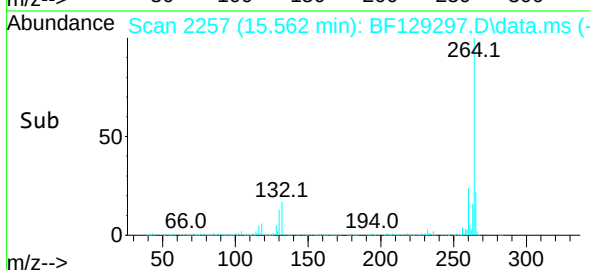
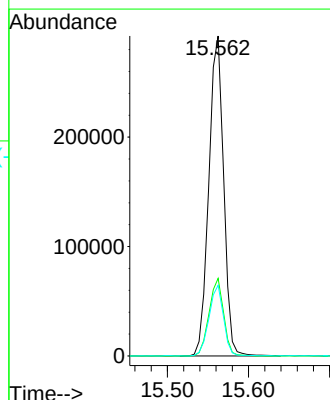
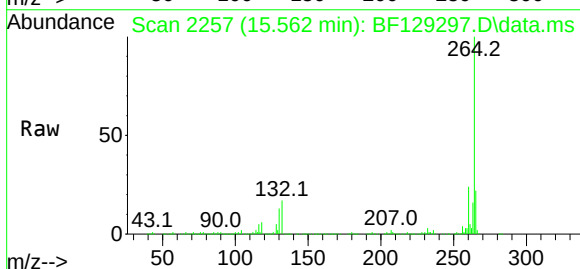
Tgt Ion:264 Resp: 370962

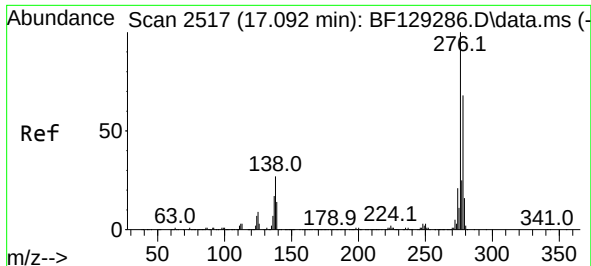
Ion Ratio Lower Upper

264 100

260 24.3 18.4 27.6

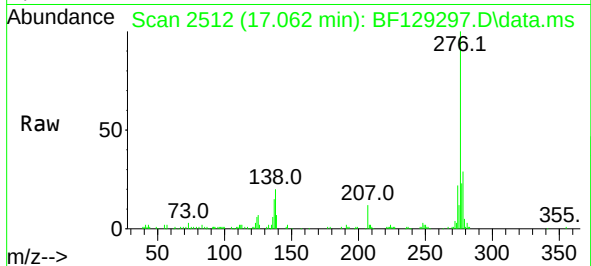
265 22.1 17.2 25.8





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 3.586 ng  
RT: 17.062 min Scan# 2118  
Delta R.T. -0.029 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25

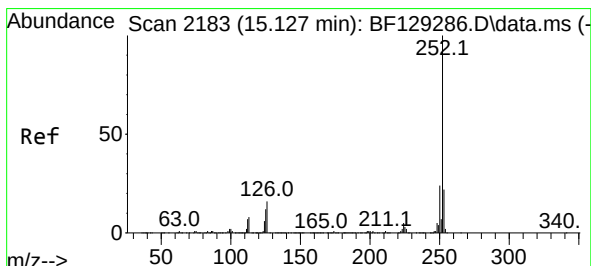
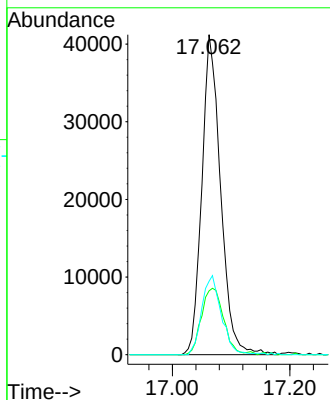
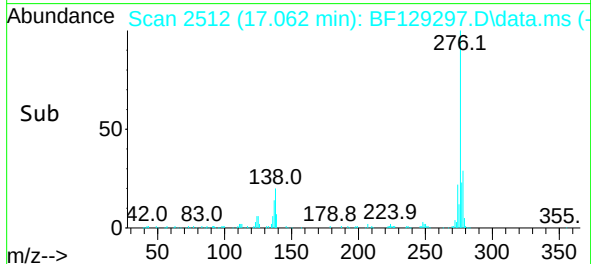
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-SOIL-02-QT2-2022



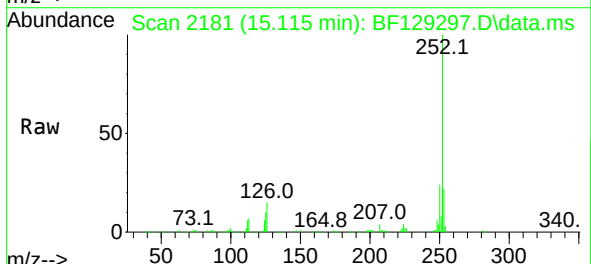
Tgt Ion: 276 Resp: 91184  
Ion Ratio Lower Upper  
276 100  
138 24.3 21.1 31.7  
277 25.8 20.3 30.5

Manual Integrations  
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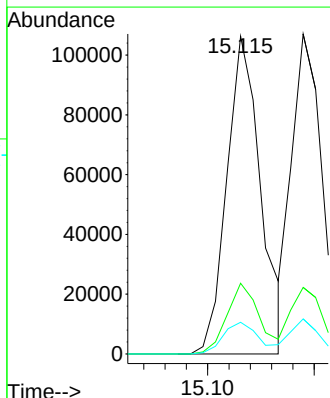
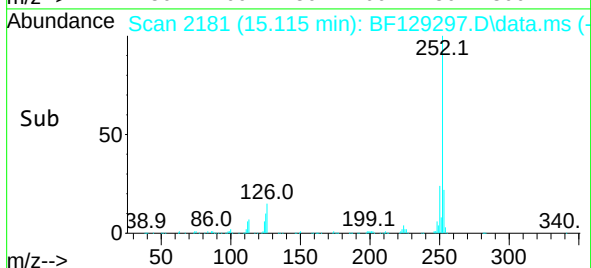
Reviewed By : Christian Giraldo 07/22/2022  
Supervised By : Jagrut Upadhyay 07/22/2022

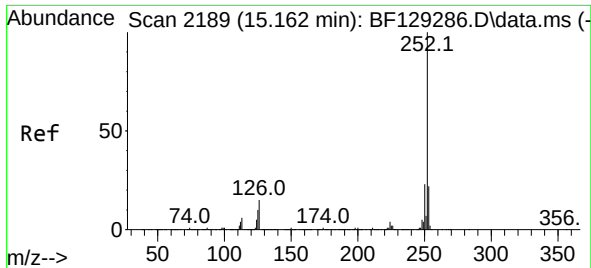


#88  
Benzo(b)fluoranthene  
Concen: 4.792 ng  
RT: 15.115 min Scan# 2181  
Delta R.T. -0.012 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25



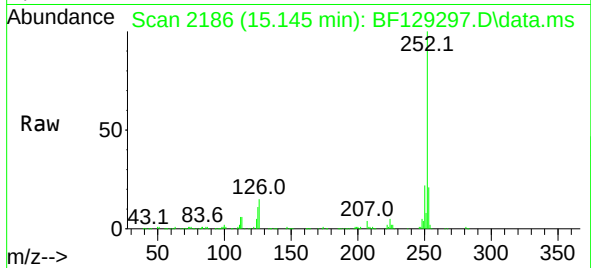
Tgt Ion: 252 Resp: 118324  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.7 26.5  
125 10.0 8.0 12.0





#89  
Benzo(k)fluoranthene  
Concen: 4.556 ng  
RT: 15.145 min Scan# 2189  
Delta R.T. -0.018 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25

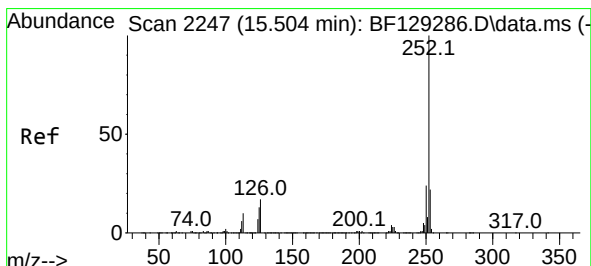
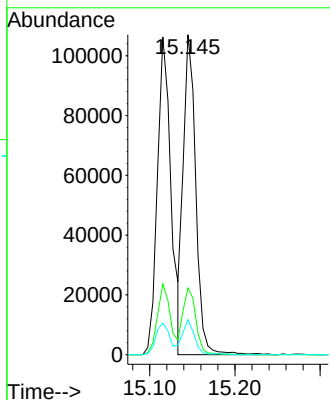
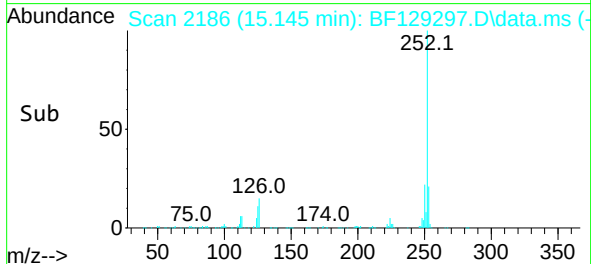
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-SOIL-02-QT2-2022



Tgt Ion:252 Resp: 109232  
Ion Ratio Lower Upper  
252 100  
253 20.8 17.8 26.6  
125 10.9 8.3 12.5

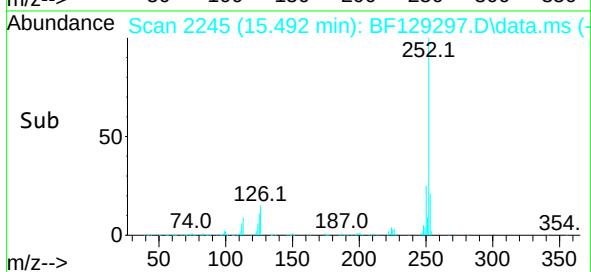
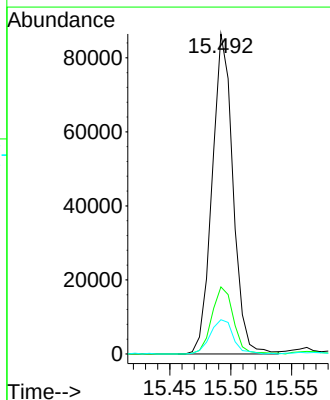
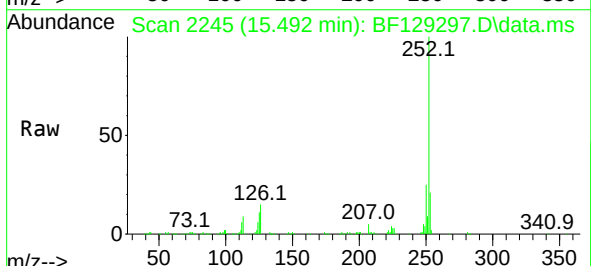
Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 07/22/2022  
Supervised By :Jagrut Upadhyay 07/22/2022

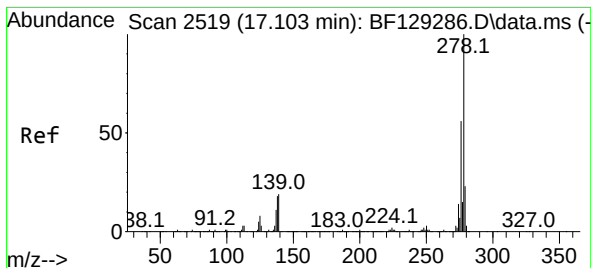


#90  
Benzo(a)pyrene  
Concen: 5.158 ng  
RT: 15.492 min Scan# 2245  
Delta R.T. -0.012 min  
Lab File: BF129297.D  
Acq: 21 Jul 2022 15:25

Tgt Ion:252 Resp: 103050  
Ion Ratio Lower Upper  
252 100  
253 20.9 17.0 25.6  
125 10.7 8.8 13.2







#91

Dibenzo(a,h)anthracene

Concen: 3.796 ng

RT: 17.080 min Scan# 2515

Delta R.T. -0.023 min

Lab File: BF129297.D

Acq: 21 Jul 2022 15:25

Instrument :

BNA\_F

ClientSampleId :

LOQ-SOIL-02-QT2-2022

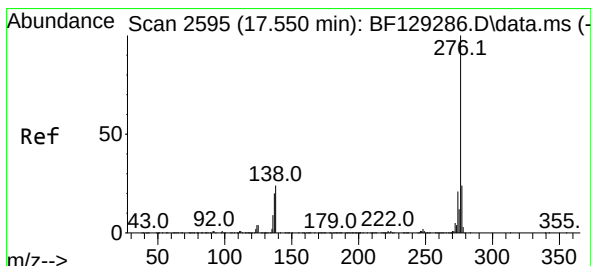
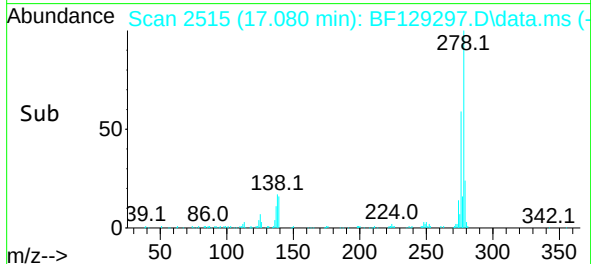
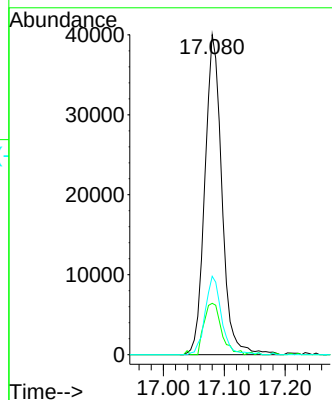
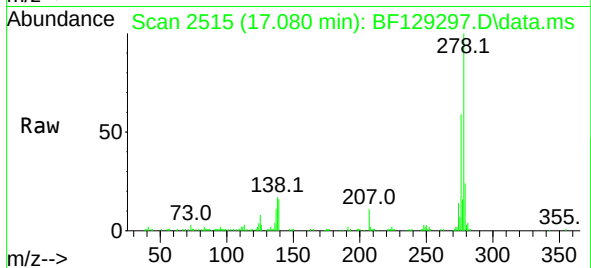
Tgt Ion:278 Resp: 77799  
 Ion Ratio Lower Upper  
 278 100  
 139 16.1 12.8 19.2  
 279 24.5 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/22/2022

Supervised By :Jagrut Upadhyay 07/22/2022



#92

Benzo(g,h,i)perylene

Concen: 3.659 ng

RT: 17.521 min Scan# 2590

Delta R.T. -0.029 min

Lab File: BF129297.D

Acq: 21 Jul 2022 15:25

Tgt Ion:276 Resp: 77940  
 Ion Ratio Lower Upper  
 276 100  
 277 25.7 19.1 28.7  
 138 21.2 18.0 27.0

